

Section 4

Education

Statistics in this section relate to the level, extent, personnel, and finances of formal education in the United States. The principal sources of these data are the Decennial Census of Population (see text, p. 1) and the Biennial Survey of Education conducted by the U. S. Office of Education. Other statistical studies of the U. S. Office of Education, publications of the National Education Association, annual or biennial reports of the individual State agencies which have jurisdiction over education, and the Current Population Survey conducted by the Bureau of the Census (see text, p. 2) are the additional regular sources of data in the field of education.

State laws vary concerning the compulsory school attendance of children. However, most State laws require that formal schooling begin at 7 years of age and extend until 16 years of age.

Data on school enrollment are available from the Decennial Census of Population since the Census of 1840 and on educational attainment from the same source for 1940 and 1950. The Current Population Survey of the Bureau of the Census has reported on school enrollment annually beginning in 1945, and on educational attainment periodically beginning in 1947. The Reports of the Biennial Survey of Education include a variety of information presented in much detail for each school level (kindergarten, elementary, secondary, and college). The Office of Education also issues annually the *Digest of Annual Reports of State Boards for Vocational Education*.

Enrollment and attainment.—School enrollment statistics, particularly those of the Bureau of the Census, are based on attendance or enrollment in any school (or college) within a given period. Attainment statistics are based on the last full grade completed by a student. A school as defined in this respect by the Bureau of the Census is any public, private, or parochial school, college or university, but excludes nursery schools or, generally, vocational, trade, business, or correspondence schools; kindergartens were also excluded until October 1950.

The median year of school completed is defined as the year which divides the population into equal parts—one-half completing more, the other half completing less, schooling than the median. In the presentation of median year of school completed, the completion of the first year of high school is uniformly indicated by 9 and of the first year of college by 13, although a few areas have only 7 years of elementary school.

Schools.—The school data shown here from the Biennial Survey of Education are reasonably complete for the types of education covered, but do not include figures for private schools of art, music, drama, etc., for private, commercial, trade, and vocational schools, or private correspondence schools.

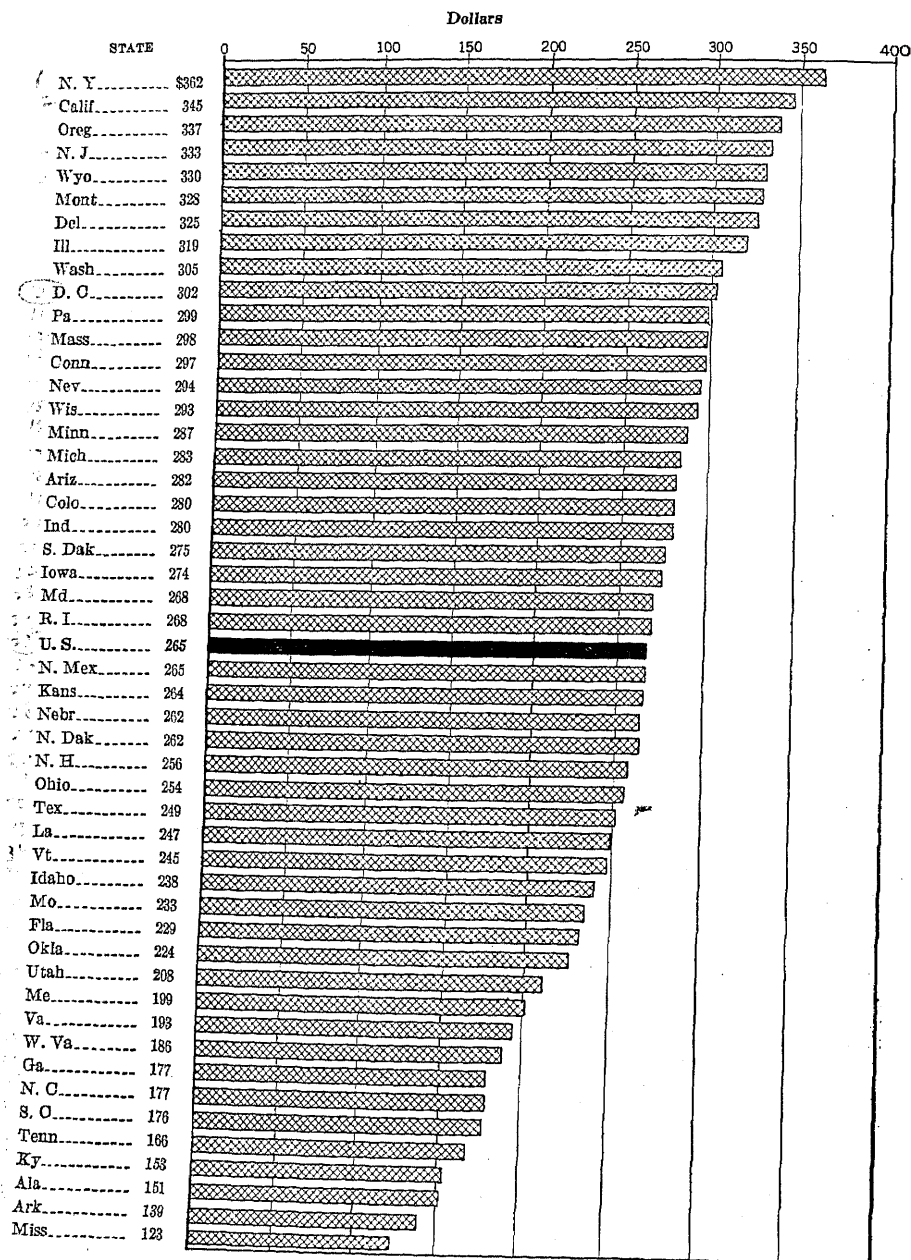
The comparability of elementary school or secondary school data over a period of years was invalidated by the introduction of the junior high school which includes the 7th and 8th grades of the traditional elementary school and the 9th grade of regular high school. A comparable time series utilizing these data is possible only on the strict basis of grade enrollment, grades 1 through 8 as elementary and grades 9 through 12 as secondary.

Office of Education data in this section relate to school terms or academic years; except as noted, the year shown refers to the period beginning in September of the prior year and extending to June of the year indicated.

Note.—This section presents data for the most recent year or period available on March 3, 1958, when the material was organized and sent to the printer.

FIG. IX.—CURRENT EXPENDITURE PER PUPIL IN AVERAGE DAILY ATTENDANCE FOR PUBLIC ELEMENTARY AND SECONDARY DAY SCHOOLS: 1954

[See table 146]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Health, Education, and Welfare, Office of Education.

SCHOOL ENROLLMENT

105

No. 124.—SCHOOL ENROLLMENT BY SINGLE YEARS OF AGE FROM 5 TO 20, BY SEX:
1920 TO 1950

[Statistics for 1940 and 1950 are based on attendance at or enrollment in any regular school or college, including night schools, extension schools, or vocational schools, if part of regular school system. Excludes correspondence schools. In the 2 prior censuses, school enrollment question not restricted as to type of school or college. In 1950, question referred to period between Feb. 1 and Apr. 1, 1950; in 1940, to period between Mar. 1 and Apr. 1, 1940; in 1930, to period between Sept. 1, 1929, and Apr. 1, 1930; and in 1920, to period between preceding Sept. 1 and Jan. 1. Figures for 1950 based on 20-percent sample.]

AGE AND SEX	1920		1930		1940		1950	
	Number	Percent of population	Number	Percent of population	Number	Percent of population	Number	Percent of population
TOTAL								
5 to 20 years old.....	21,373,976	64.3	26,849,639	69.9	26,293,224	70.8	27,088,055	72.7
5 years old.....	441,411	18.8	500,734	20.0	885,160	18.0	1,284,025	10.5
6 years old.....	1,480,714	63.3	1,667,486	66.3	1,420,051	69.1	1,874,620	67.0
7 years old.....	1,905,404	83.3	2,207,331	89.4	1,935,819	92.4	2,670,295	94.4
8 years old.....	2,010,894	88.5	2,451,048	94.1	2,089,528	94.8	2,448,490	95.6
9 years old.....	1,944,314	90.4	2,401,356	95.6	2,093,679	95.6	2,257,985	96.1
10 years old.....	2,077,965	93.0	2,427,254	97.1	2,209,240	95.7	2,228,955	96.0
11 years old.....	1,970,255	93.9	2,260,735	97.5	2,125,664	95.9	2,145,630	96.3
12 years old.....	2,082,749	93.2	2,408,623	97.1	2,315,270	95.5	2,204,840	95.9
13 years old.....	1,877,429	92.5	2,242,053	96.5	2,265,495	94.8	2,099,085	95.9
14 years old.....	1,766,784	86.3	2,212,825	92.9	2,224,670	92.5	2,025,730	94.8
15 years old.....	1,357,745	72.9	1,943,553	84.7	2,122,995	87.6	1,945,790	91.4
16 years old.....	1,001,701	50.8	1,569,839	66.3	1,897,179	76.2	1,682,200	80.9
17 years old.....	642,360	34.6	1,100,018	47.9	1,464,027	60.9	1,426,930	68.2
18 years old.....	413,619	21.7	723,524	30.7	940,105	36.4	867,695	39.8
19 years old.....	252,680	13.8	441,814	19.8	509,380	20.9	533,025	24.7
20 years old.....	148,352	8.3	291,446	13.1	294,962	12.5	302,160	17.9
MALE								
5 to 20 years old.....	10,663,547	64.1	13,521,768	70.2	13,313,771	71.2	13,793,135	73.4
5 years old.....	217,446	18.3	247,739	19.5	190,842	17.5	140,735	10.2
6 years old.....	739,300	62.8	832,088	65.5	710,625	68.2	1,044,440	66.9
7 years old.....	959,128	83.1	1,111,729	89.0	975,904	92.2	1,354,195	94.2
8 years old.....	1,011,606	88.3	1,234,410	94.0	1,057,382	94.7	1,243,500	95.6
9 years old.....	982,227	90.3	1,217,161	95.4	1,062,888	95.5	1,146,275	96.0
10 years old.....	1,048,389	92.9	1,226,457	96.9	1,121,202	95.6	1,131,075	95.9
11 years old.....	989,744	93.8	1,136,412	97.4	1,071,248	95.8	1,090,870	96.1
12 years old.....	1,052,583	93.0	1,222,203	96.9	1,176,278	95.3	1,119,490	95.6
13 years old.....	941,325	92.4	1,126,382	96.4	1,142,178	94.6	1,064,170	95.7
14 years old.....	890,571	86.2	1,120,653	92.9	1,122,703	92.2	1,031,800	94.7
15 years old.....	665,948	71.9	979,070	84.8	1,067,177	87.3	986,610	91.5
16 years old.....	470,433	48.2	777,585	65.8	945,009	75.7	849,510	80.6
17 years old.....	297,100	32.1	544,739	47.1	734,581	60.5	716,155	67.9
18 years old.....	192,481	20.5	359,527	31.1	488,650	38.1	458,380	42.4
19 years old.....	127,011	14.0	229,899	20.8	281,123	23.2	292,600	27.8
20 years old.....	78,355	9.3	155,714	14.6	166,081	14.4	223,150	21.2
FEMALE								
5 to 20 years old.....	10,710,429	64.5	13,327,871	69.7	12,979,453	70.4	13,294,920	72.0
5 years old.....	223,965	19.3	252,995	20.5	194,318	18.4	143,890	10.8
6 years old.....	741,414	63.9	835,398	67.1	709,526	70.1	1,030,180	68.2
7 years old.....	946,276	83.5	1,095,602	89.7	959,915	92.7	1,316,100	94.5
8 years old.....	999,388	88.6	1,216,638	94.3	1,032,146	95.0	1,204,900	95.7
9 years old.....	962,087	90.5	1,184,195	95.7	1,030,791	95.7	1,111,710	96.2
10 years old.....	1,029,576	93.2	1,200,797	97.2	1,088,038	95.8	1,097,880	96.2
11 years old.....	980,511	94.1	1,124,323	97.6	1,054,416	96.0	1,054,760	96.4
12 years old.....	1,030,166	93.4	1,186,420	97.3	1,138,992	95.7	1,085,350	96.3
13 years old.....	936,104	92.7	1,115,671	96.7	1,123,317	95.1	1,034,915	96.0
14 years old.....	876,213	86.5	1,092,172	92.9	1,101,967	92.8	993,840	94.9
15 years old.....	691,397	73.9	964,483	84.5	1,055,818	88.0	959,180	91.2
16 years old.....	531,268	53.3	792,254	66.8	952,170	76.8	832,600	81.1
17 years old.....	345,260	37.2	555,279	48.8	729,446	61.3	710,775	68.4
18 years old.....	221,138	22.8	363,997	30.3	451,455	34.7	409,315	37.2
19 years old.....	125,669	13.6	211,915	18.8	228,257	18.7	240,425	21.8
20 years old.....	69,997	7.5	135,732	11.7	128,881	10.6	169,010	14.9

¹ Excludes kindergarten enrollment, largely included in earlier enrollment figures.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II, Part I.

No. 125.—SCHOOL ENROLLMENT, BY AGE AND SEX: 1950, 1956, AND 1957

[In thousands. As of October. Data relate to civilian noninstitutional population and are based on Current Population Survey; see Technical Note, p. 201. Figures on children 5 and 6 years old enrolled in school include those enrolled in kindergarten]

YEAR AND AGE	TOTAL			MALE			FEMALE		
	Popu- lation	Enrolled		Popu- lation	Enrolled		Popu- lation	Enrolled	
		Number	Per- cent		Number	Per- cent		Number	Per- cent
1950									
Total, 5 to 34.....	68,570	130,276	144.2	33,355	115,834	147.5	35,215	114,442	141.0
5 years.....	2,726	1,410	51.7	1,390	717	51.6	1,336	693	51.9
6 years.....	2,731	2,649	97.0	1,390	1,336	96.1	1,341	1,313	97.9
7 to 9 years.....	7,891	7,803	98.9	4,012	3,963	98.8	3,879	3,840	99.0
10 to 13 years.....	8,982	8,852	98.6	4,565	4,500	98.7	4,417	4,346	98.4
14 to 17 years.....	8,351	6,953	83.3	4,200	3,541	84.3	4,151	3,412	82.2
18 and 19 years.....	4,041	1,190	29.4	1,893	667	35.2	2,148	523	24.3
20 to 24 years.....	10,677	959	9.0	4,873	692	14.2	5,804	267	4.6
25 to 29 years.....	11,861	358	3.0	5,623	332	5.9	6,238	26	0.4
30 to 34 years.....	11,310	1100	10.9	5,409	179	1.5	5,901	121	10.4
1956									
Total, 5 to 34.....	75,174	39,353	52.3	36,532	20,552	56.3	38,642	18,801	48.7
5 years.....	3,665	2,160	58.9	1,870	1,089	58.2	1,795	1,071	59.7
6 years.....	3,544	3,573	97.0	1,810	1,750	96.7	1,734	1,687	97.3
7 to 9 years.....	10,779	10,710	99.4	5,507	5,465	99.2	5,272	5,245	99.5
10 to 13 years.....	11,326	11,236	99.2	5,768	5,714	99.1	5,558	5,522	99.4
14 to 17 years.....	9,540	8,413	88.2	4,800	4,275	89.1	4,740	4,138	87.3
18 to 19 years.....	3,978	1,407	35.4	1,793	809	45.1	2,185	598	27.4
20 to 24 years.....	9,328	1,192	12.8	4,028	830	20.6	5,300	362	6.8
25 to 29 years.....	11,025	566	5.1	5,235	466	8.9	5,790	100	1.7
30 to 34 years.....	11,969	232	1.9	5,721	154	2.7	6,268	78	1.2
1957									
Total, 5 to 34.....	76,754	41,166	53.6	37,420	21,509	57.5	39,334	19,657	50.0
5 years.....	3,748	2,256	60.2	1,915	1,148	59.9	1,833	1,108	60.4
6 years.....	3,668	3,573	97.4	1,871	1,815	97.0	1,797	1,758	97.8
7 to 9 years.....	10,606	10,553	99.5	5,416	5,383	99.4	5,190	5,170	99.6
10 to 13 years.....	12,209	12,152	99.5	6,226	6,201	99.6	5,983	5,951	99.5
14 to 17 years.....	10,134	9,067	89.5	5,101	4,646	91.1	5,033	4,421	87.8
18 to 19 years.....	4,042	1,409	34.9	1,802	780	43.3	2,240	629	28.1
20 to 24 years.....	9,554	1,336	14.0	4,215	897	21.3	5,339	439	8.2
25 to 29 years.....	10,883	604	5.5	5,188	493	9.5	5,695	111	1.9
30 to 34 years.....	11,910	216	1.8	5,686	146	2.6	6,224	70	1.1

¹ Estimated.

No. 126.—PERCENT OF POPULATION ENROLLED IN SCHOOL, BY AGE, COLOR, AND SEX: 1956 AND 1957

[As of October. See headnote, table 125]

AGE	1956						1957					
	Total		Male		Female		Total		Male		Female	
	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white
Total, 5 to 34 ..	52.5	51.5	56.5	54.3	48.6	49.0	53.7	53.5	57.7	55.9	49.8	51.3
5 and 6 years.....	78.4	72.8	78.2	70.4	78.6	75.2	79.3	74.3	79.1	73.1	79.5	75.6
7 to 13 years.....	99.4	98.4	99.4	97.6	99.5	99.1	99.7	98.2	99.7	98.2	99.7	98.2
14 to 17 years.....	80.2	81.2	90.1	81.3	88.2	81.1	90.1	84.8	91.9	84.7	88.2	85.0
18 and 19 years.....	35.9	31.8	46.4	36.8	27.3	27.5	34.6	36.7	44.0	38.5	27.0	35.1
20 to 24 years.....	13.4	8.7	21.8	12.5	7.0	5.7	14.7	8.8	22.9	10.3	8.3	7.6
25 to 29 years.....	5.4	3.1	9.3	5.3	1.8	1.3	5.7	4.6	9.9	6.0	1.7	3.5
30 to 34 years.....	2.1	0.7	2.9	0.9	1.3	0.6	1.9	1.2	2.7	1.2	1.1	1.1

Source of tables 125 and 126: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, Nos. 74 and 80, and records.

No. 127.—ESTIMATES AND PROJECTIONS OF ELEMENTARY AND HIGH SCHOOL ENROLLMENTS, BY GRADE: 1952 TO 1965

In thousands. As of October 1. Data based on projected age-grade specific enrollment rates from the 1950 Census. Series A and B, and C imply the following assumptions regarding the projected number of births between 1953 and 1959: A and B—1953-58 reproductive level continues to at least 1950; C—1953-58 level declines to about the 1940 level by 1975. High school enrollment figures are based on projections of the population already born by July 1953; thus, only one series is shown for all years. These estimates were prepared in 1952 and differ somewhat from data for current years based on Current Population Survey shown in other tables

YEAR	Total enrollment	ELEMENTARY ENROLLMENT (EXCLUDING KINDERGARTEN)										HIGH SCHOOL ENROLLMENT			
		Total	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Total	Grade 1	Grade 2	Grade 3	Grade 4
SERIES A AND B															
1952	29,058	22,000	3,983	3,020	3,011	2,851	2,514	2,362	2,159	2,100	7,058	2,062	1,992	1,591	1,503
1953	30,569	23,347	4,718	3,164	3,009	2,907	2,691	2,499	2,224	2,135	7,222	2,107	1,953	1,625	1,537
1954	31,624	24,546	4,825	3,670	3,147	2,915	2,755	2,677	2,354	2,203	7,388	2,146	2,001	1,674	1,567
1955	33,293	25,699	4,807	3,832	3,632	3,047	2,767	2,741	2,521	2,392	7,694	2,222	2,042	1,718	1,612
1956	34,623	26,732	4,829	3,830	3,827	3,493	2,887	2,754	2,586	2,467	7,891	2,364	2,120	1,755	1,652
1957	36,024	27,707	4,962	3,888	3,845	3,686	3,293	2,873	2,599	2,561	8,317	2,536	2,262	1,829	1,690
1958	37,461	28,704	5,091	3,982	3,871	3,714	3,486	3,273	2,707	2,580	8,757	2,601	2,434	1,960	1,762
1959	38,821	29,716	5,183	4,077	3,960	3,747	3,521	3,464	3,075	2,689	9,105	2,614	2,491	2,112	1,888
SERIES C															
1960	39,970	30,548	5,148	4,144	4,060	3,880	3,554	3,502	3,260	3,050	9,422	2,733	2,503	2,157	2,029
1961	41,004	31,023	5,120	4,150	4,133	3,923	3,627	3,534	3,302	3,234	9,981	3,123	2,631	2,166	2,061
1962	41,960	31,292	5,103	4,160	4,132	3,994	3,714	3,607	3,333	3,279	10,668	3,282	3,020	2,288	2,078
1963	42,792	31,518	5,113	4,115	4,112	3,997	3,781	3,692	3,398	3,310	11,274	3,224	3,200	2,646	2,204
1964	43,552	31,725	5,131	4,120	4,099	3,979	3,788	3,759	3,476	3,373	11,827	3,277	3,216	2,788	2,046
1965	44,013	31,808	5,149	4,112	4,098	3,964	3,770	3,771	3,554	3,450	12,145	3,454	3,213	2,789	2,684
SERIES D															
1966	39,911	30,489	5,093	4,140	4,060	3,880	3,554	3,502	3,260	3,050					
1967	40,846	30,865	5,007	4,113	4,125	3,923	3,627	3,534	3,302	3,234					
1968	41,663	30,995	4,980	4,092	4,095	3,986	3,714	3,607	3,333	3,279					
1969	42,309	31,035	4,876	3,992	4,053	3,961	3,691	3,691	3,398	3,310					
1970	43,835	31,008	4,832	3,942	3,974	3,905	3,736	3,736	3,475	3,373					
1971	44,031	30,886	4,787	3,881	3,925	3,846	3,703	3,743	3,551	3,450					

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-25, No. 85.

No. 128.—PERCENT DISTRIBUTION BY TYPE OF SCHOOL, OF PERSONS ENROLLED IN SCHOOL, BY AGE, COLOR, AND SEX: 1957

[As of October. Percent not shown where base is less than 150,000. See headnote, table 125]

AGE AND SEX	WHITE				NONWHITE			
	Total enrolled	Elementary school or kindergarten	High school	College or professional school	Total enrolled	Elementary school or kindergarten	High school	College or professional school
Total, 5 to 34 years.	100.0	69.8	22.1	8.1	100.0	76.8	19.1	4.1
5 to 13 years.....	100.0	97.8	2.2	-----	100.0	98.7	1.3	-----
14 to 17 years.....	100.0	10.1	87.9	2.0	100.0	20.7	71.9	1.4
18 to 24 years.....	100.0	0.3	14.4	85.4	100.0	4.3	49.5	46.2
25 to 34 years.....	100.0	1.3	7.1	91.6	100.0	-----	-----	-----
Male, 5 to 34 years.	100.0	68.5	21.3	10.2	100.0	78.2	18.2	3.6
5 to 13 years.....	100.0	98.2	1.8	-----	100.0	99.2	0.8	-----
14 to 17 years.....	100.0	12.3	86.1	1.6	100.0	31.0	67.3	1.8
18 to 24 years.....	100.0	0.3	14.1	85.5	100.0	-----	-----	-----
25 to 34 years.....	100.0	0.8	5.2	94.0	100.0	-----	-----	-----
Female, 5 to 34 years.	100.0	71.1	23.1	5.8	100.0	75.4	20.0	4.6
5 to 13 years.....	100.0	97.5	2.5	-----	100.0	98.2	1.8	-----
14 to 17 years.....	100.0	7.8	89.8	2.4	100.0	22.5	76.3	1.1
18 to 24 years.....	100.0	0.2	14.7	85.0	100.0	3.3	43.4	53.3
25 to 34 years.....	100.0	-----	-----	-----	100.0	-----	-----	-----

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 80.

No. 129.—MEDIAN INCOME IN 1949, FOR MALES 25 YEARS OLD AND OVER WITH INCOME, BY AGE AND YEARS OF SCHOOL COMPLETED: 1950

[As of April. Based on 3¼-percent sample; see source for sampling variability. Median not shown where base is less than 3,000]

AGE	Total ¹	MEDIAN INCOME, BY YEARS OF SCHOOL COMPLETED							
		None	Elementary			High school		College	
			1 to 4 years	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more
Total 25 and over.....	\$2,699	\$1,108	\$1,365	\$2,035	\$2,533	\$2,917	\$3,285	\$3,522	\$4,407
25 to 29 years.....	2,538	1,016	1,281	1,763	2,255	2,573	2,892	2,764	2,928
30 to 34 years.....	2,968	1,133	1,453	2,038	2,557	2,922	3,308	3,591	4,227
35 to 44 years.....	3,085	1,267	1,562	2,252	2,803	3,178	3,523	3,952	5,142
45 to 54 years.....	2,980	1,465	1,741	2,371	2,912	3,209	3,687	4,099	5,549
55 to 64 years.....	2,563	1,736	1,727	2,172	2,601	2,927	3,436	3,601	5,142
65 to 74 years.....	1,379	827	846	1,164	1,505	1,771	2,262	2,362	3,597
75 years and over.....	757	491	569	690	800	947	1,217	1,328	1,892

¹ Includes a small number for whom years of school completed was not reported.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. IV, Part 5B.

No. 130.—SCHOOL ENROLLMENT BY TYPE OF SCHOOL IN WHICH ENROLLED, BY AGE AND SEX: 1950 to 1957

[In thousands. As of October. See headnote, table 125]

AGE AND SEX	Total enrolled	Elementary school and kindergarten	High school	College or professional school	Total enrolled	Elementary school and kindergarten	High school	College or professional school
	1950				1955			
Total, 5 to 34 years....	1 30,276	21,406	1 6,656	1 2,214	37,426	27,086	7,961	2,379
5 to 13 years.....	20,716	20,344	372	---	26,548	26,038	510	---
14 to 17 years.....	6,953	1,047	5,726	180	7,970	1,027	6,796	147
18 and 19 years.....	1,190	11	451	728	1,232	5	482	745
20 to 24 years.....	950	3	58	898	1,010	9	69	931
25 to 29 years.....	358	1	33	324	475	2	67	406
30 to 34 years.....	1100	---	1 16	1 84	192	4	37	150
Male, 5 to 34 years....	15,834	11,003	3,335	1,496	19,573	13,968	4,026	1,579
5 to 13 years.....	10,523	10,365	159	---	13,546	13,356	190	---
14 to 17 years.....	3,412	630	2,839	71	4,097	607	3,433	57
18 and 19 years.....	667	8	271	388	752	---	319	432
20 to 24 years.....	692	---	39	653	686	6	33	647
25 to 29 years.....	332	---	18	314	371	---	34	337
30 to 34 years.....	1 79	---	1 9	1 70	123	---	16	107
Female, 5 to 34 years....	14,442	10,403	3,321	718	17,853	13,117	3,936	800
5 to 13 years.....	10,193	9,979	213	---	13,004	12,683	320	---
14 to 17 years.....	3,412	417	2,887	109	3,873	420	3,363	90
18 and 19 years.....	523	3	180	340	480	5	162	313
20 to 24 years.....	267	3	19	245	324	3	36	285
25 to 29 years.....	26	1	15	10	105	2	33	69
30 to 34 years.....	1 21	---	1 7	1 14	68	4	21	43
	1956				1957			
Total, 5 to 34 years....	39,353	27,927	8,543	2,883	41,166	29,072	8,956	3,138
5 to 13 years.....	27,543	26,855	688	---	28,534	27,950	584	---
14 to 17 years.....	8,413	1,050	7,196	167	9,067	1,090	7,801	176
18 and 19 years.....	1,407	13	460	934	1,409	13	407	989
20 to 24 years.....	1,192	4	83	1,105	1,336	7	93	1,236
25 to 29 years.....	566	4	68	494	604	9	42	553
30 to 34 years.....	232	1	48	183	216	3	29	134
Male, 5 to 34 years....	20,552	14,363	4,257	1,932	21,509	14,987	4,494	2,028
5 to 13 years.....	14,018	13,718	300	---	14,547	14,300	247	---
14 to 17 years.....	4,275	631	3,567	77	4,646	667	3,902	77
18 and 19 years.....	809	9	288	512	780	6	236	538
20 to 24 years.....	830	3	46	781	897	7	63	827
25 to 29 years.....	466	1	36	429	493	4	30	459
30 to 34 years.....	154	1	20	133	146	3	16	127
Female, 5 to 34 years....	18,801	13,564	4,286	951	19,657	14,085	4,462	1,110
5 to 13 years.....	13,525	13,137	388	---	13,987	13,650	337	---
14 to 17 years.....	4,138	419	3,629	90	4,421	423	3,899	90
18 and 19 years.....	598	4	172	422	629	7	171	451
20 to 24 years.....	362	1	37	324	439	---	30	409
25 to 29 years.....	100	3	32	65	111	5	12	94
30 to 34 years.....	78	---	28	50	70	---	13	57

¹ Estimated.

No. 131.—SCHOOL ENROLLMENT, IN PUBLIC AND PRIVATE SCHOOLS, OF PERSONS 5 TO 34 YEARS OLD: 1957

[In thousands. As of October. See headnote, table 125]

TYPE	NUMBER ENROLLED				PERCENT ENROLLED			
	Kinder-garten	Elementary school	High school	College or professional school	Kinder-garten	Elementary school	High school	College or professional school
Total.....	1,824	27,248	8,956	3,138	100.0	100.0	100.0	100.0
Public.....	1,471	23,076	8,059	2,054	80.6	84.7	90.0	65.5
Private.....	353	4,172	897	1,084	19.4	15.3	10.0	34.5

Source of tables 130 and 131: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, and records.

**No. 132.—PERSONS 14 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED,
BY AGE AND SEX: 1957**
(In thousands. As of March)

AGE AND SEX	Total, 14 years and over	YEARS OF SCHOOL COMPLETED								School years not re- ported	Median school years com- pleted
		None	Elementary school			High school		College			
			1 to 4 years	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more		
Total	119,333	2,377	6,739	14,842	20,567	25,544	30,710	8,952	7,637	1,965	10.7
14 to 17 years.....	9,877	31	150	1,850	2,569	5,122	98	16	41	9.2	
18 to 24 years.....	13,826	98	276	786	888	3,471	5,780	1,951	465	111	12.2
25 to 44 years.....	46,550	406	1,482	3,933	5,492	9,747	16,758	4,036	4,245	451	12.1
45 years and over.....	49,080	1,842	4,831	8,273	11,618	7,204	8,074	2,949	2,927	1,362	8.8
Male	57,470	1,206	3,734	7,603	10,244	12,025	12,541	4,433	4,572	1,112	10.3
14 to 17 years.....	4,981	18	97	1,082	1,296	2,432	27	8	21	9.0	
18 to 24 years.....	6,281	45	170	409	426	1,590	2,284	1,078	213	66	12.2
25 to 44 years.....	22,637	205	854	2,054	2,838	4,738	6,929	2,067	2,680	272	12.1
45 years and over.....	23,571	938	2,613	4,058	5,684	3,265	3,301	1,280	1,679	753	8.7
Female	61,863	1,171	3,005	7,239	10,323	13,519	18,169	4,519	3,065	853	10.9
14 to 17 years.....	4,896	13	53	768	1,273	2,690	71	8	20	9.4	
18 to 24 years.....	7,545	53	106	377	462	1,881	3,496	873	252	45	12.2
25 to 44 years.....	23,913	201	628	1,879	2,654	5,009	9,829	1,969	1,565	179	12.2
45 years and over.....	25,509	904	2,218	4,215	5,934	3,939	4,773	1,669	1,248	609	8.9

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 77.

**No. 133.—PERSONS 25 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED,
BY COLOR AND SEX: 1940 AND 1950**

(In thousands. As of April. 1950 statistics are estimates based on 20-percent sample; see source for sampling variability. Figures differ from corresponding items in table 137 because of different tabulations; see text, p. 1.)

YEAR AND SEX	Popula- tion, 25 years and over ¹	YEARS OF SCHOOL COMPLETED						Median school years com- pleted ³	
		Elementary school			High school		College		
		Less than 5 years ²	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years		4 years or more
1940									
Total.....	74,776	10,105	13,656	20,757	11,182	10,552	4,075	3,407	8.6
Male.....	37,463	5,560	7,008	10,631	5,333	4,507	1,824	2,021	8.6
Female.....	37,313	4,544	6,648	10,125	5,849	6,044	2,251	1,386	8.7
White.....	68,000	7,322	11,662	19,967	10,604	10,255	3,949	3,320	8.7
Male.....	34,114	4,035	6,086	10,258	5,090	4,381	1,770	1,975	8.7
Female.....	33,886	3,287	5,576	9,708	5,514	5,874	2,179	1,344	8.8
Nonwhite.....	6,776	2,782	1,994	790	578	296	127	88	5.8
Male.....	3,349	1,516	922	373	243	126	54	46	5.4
Female.....	3,427	1,267	1,072	417	335	170	72	42	6.1
1950									
Total.....	87,483	9,446	13,911	17,706	14,801	17,664	6,259	5,285	9.3
Male.....	42,628	5,053	6,994	8,822	6,976	7,511	2,903	3,027	9.0
Female.....	44,855	4,393	6,917	8,884	7,824	10,153	3,356	2,258	9.6
White.....	79,339	6,884	11,692	16,770	13,738	17,005	6,020	5,108	9.7
Male.....	38,684	3,659	5,970	8,396	6,519	7,227	2,793	2,946	9.3
Female.....	40,655	3,225	5,722	8,374	7,219	9,778	3,227	2,162	10.0
Nonwhite.....	8,145	2,562	2,219	936	1,062	659	239	177	6.9
Male.....	3,945	1,394	1,024	426	458	284	110	81	6.4
Female.....	4,200	1,168	1,195	510	605	375	129	96	7.2

¹ Includes 1,042,000 persons for 1940 and 2,413,000 persons for 1950, not reported by years of school completed and not shown separately in this table.

² Includes persons reporting no school years completed.

³ Medians computed on basis of more detailed years of school completed.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.

No. 134.—CUMULATIVE LEVEL OF SCHOOLING COMPLETED FOR PERSONS 25 YEARS OLD AND OVER, BY COLOR, MARITAL STATUS, AND SEX: 1957

[As of March. See headnote, table 125]

COLOR, MARITAL STATUS, AND SEX	Total population, 25 years and over (1,000)	PERCENT BY LEVEL OF SCHOOLING COMPLETED					
		Total	Completed less than 8 years of elementary school	Completed at least—			School years not reported
				8 years of elementary school	4 years of high school	4 years of college	
COLOR							
Male.....	46,208	100.0	23.2	74.6	38.8	9.4	2.2
White.....	41,938	100.0	20.1	77.9	41.1	10.1	2.0
Nonwhite.....	4,270	100.0	53.5	42.4	16.3	2.6	4.1
Female.....	49,422	100.0	20.3	78.1	42.6	5.7	1.6
White.....	44,688	100.0	17.4	81.0	45.1	6.0	1.6
Nonwhite.....	4,734	100.0	47.8	50.2	19.3	2.9	1.9
MARITAL STATUS							
Male.....	46,208	100.0	23.2	74.6	38.8	9.4	2.2
Single.....	4,792	100.0	23.1	71.9	40.8	12.7	5.0
Married.....	38,214	100.0	21.8	76.7	40.1	9.5	1.5
Widowed or divorced.....	3,202	100.0	40.2	53.4	19.9	3.9	6.4
Female.....	49,422	100.0	20.3	78.1	42.6	5.7	1.6
Single.....	3,749	100.0	15.6	81.1	55.6	16.2	3.3
Married.....	36,612	100.0	17.6	81.5	45.5	5.2	0.9
Widowed or divorced.....	9,061	100.0	33.5	63.0	25.7	3.4	3.6

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 77.

No. 135.—PERCENT DISTRIBUTION BY YEARS OF SCHOOL COMPLETED FOR THE LABOR FORCE 18 TO 64 YEARS OLD, BY SEX: 1940 TO 1957

[Excludes persons for whom years of school completed was not reported. See headnote, table 125]

YEARS OF SCHOOL COMPLETED	BOTH SEXES				MALE				FEMALE			
	April 1940 ¹	October 1948	October 1952	March 1957	April 1940 ¹	October 1948	October 1952	March 1957	April 1940 ¹	October 1948	October 1952	March 1957
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Elementary:												
Less than 5 years.....	8.7	7.3	6.8	5.6	9.6	7.9	7.6	6.3	6.3	5.7	5.2	3.9
5 to 8 years.....	39.4	32.4	29.5	26.2	42.7	34.0	31.6	28.2	30.4	28.6	25.1	21.9
High school:												
1 to 3 years.....	18.1	19.7	19.0	19.8	18.1	20.7	19.4	20.1	18.1	17.3	18.2	19.1
4 years.....	20.3	26.5	27.9	30.5	17.2	23.6	24.7	27.2	28.7	33.4	34.7	37.3
College:												
1 to 3 years.....	7.0	7.4	8.6	8.8	6.2	7.1	8.4	8.5	9.3	8.2	9.1	9.3
4 years or more.....	6.4	6.7	8.2	9.2	6.2	6.7	8.4	9.6	7.2	6.8	7.8	8.4
Median school years completed.....	9.3	10.6	11.2	11.8	8.8	10.2	10.7	11.3	10.2	11.7	12.0	12.1

¹ 1940 Census of Population figures revised for comparability with current labor force estimates.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, No. 78.

No. 136.—PERCENT DISTRIBUTION BY TOTAL MONEY INCOME IN 1956 OF MALES 35 TO 54 YEARS OLD WHO WERE YEAR-ROUND FULL-TIME WORKERS, BY YEARS OF SCHOOL COMPLETED: 1957

[As of March. Based on about three-fourths of all sample households; see source. See also headnote, table 125]

TOTAL MONEY INCOME	Total	YEARS OF SCHOOL COMPLETED						Median school years completed
		Elementary school		High school		College		
		Less than 8 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	
All income groups.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10.8
Under \$2,000.....	12.3	29.8	14.6	8.0	5.7	7.8	3.4	8.2
\$2,000 to \$3,999.....	25.1	39.4	31.9	25.4	18.9	11.7	9.3	8.9
\$4,000 to \$5,999.....	36.7	24.1	38.4	47.3	43.1	34.6	20.3	11.1
\$6,000 to \$7,999.....	21.5	5.5	12.9	15.4	26.9	38.9	54.4	12.6
\$8,000 and over.....	4.5	1.2	2.2	3.8	5.4	7.0	12.6	12.6

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 77.

No. 137.—YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER, BY STATES AND OTHER AREAS: 1950

[Population in thousands. Based on 20-percent sample; see source for sampling variability. These figures differ from corresponding figures in table 133 because of different tabulations; see text, p. 1. For definition of median, see p. 103]

STATE	Population 25 years old and over ¹	YEARS OF SCHOOL COMPLETED							MEDIAN SCHOOL YEARS COMPLETED				
		Elementary school			High school		College		All classes			White	Non-white
		Less than 5 years ²	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	Total	Male	Fe- male		
Cont. U.S.	87,571	9,455	13,962	17,742	14,858	17,679	6,262	5,284	9.3	9.0	9.6	9.7	6.9
N. E.	5,675	451	750	1,082	1,061	1,416	390	380	10.4	10.1	10.6	10.4	8.7
Maine	517	34	65	114	103	131	35	25	10.2	9.5	10.8	10.2	8.5
N. H.	316	20	40	78	55	72	23	19	9.8	9.4	10.3	9.9	8.8
Vt.	212	12	24	57	40	48	18	12	10.0	9.1	10.7	10.0	9.1
Mass.	2,901	229	370	465	560	788	208	208	10.9	10.6	11.1	10.9	8.4
R. I.	479	46	85	90	97	93	26	28	9.3	9.3	9.4	9.4	8.5
Conn.	1,249	110	166	277	206	283	81	87	9.8	9.5	10.0	9.8	8.4
M. A.	18,774	1,767	2,749	4,220	3,174	3,998	1,026	1,241	9.3	9.2	9.4	9.5	8.4
N. Y.	9,437	894	1,221	2,097	1,588	2,025	551	695	9.6	9.6	9.6	9.7	8.6
N. J.	3,044	281	461	683	513	653	170	206	9.3	9.3	9.3	9.5	8.1
Pa.	6,293	591	1,067	1,440	1,074	1,319	305	340	9.0	8.9	9.1	9.0	8.2
E. N. C.	18,102	1,320	2,424	4,491	3,187	3,981	1,250	1,011	9.6	9.2	9.9	9.7	8.4
Ohio	4,745	329	653	1,081	888	1,098	321	271	9.9	9.6	10.2	10.0	8.4
Ind.	2,289	151	312	583	395	538	146	120	9.5	9.2	9.9	9.7	8.3
Ill.	5,393	421	674	1,425	880	1,135	385	313	9.3	9.1	9.5	9.5	8.5
Mich.	3,668	276	492	802	764	802	252	194	9.9	9.5	10.2	10.0	8.5
Wis.	2,006	143	293	599	270	409	146	108	8.9	8.8	9.1	8.9	8.4
W. N. C.	8,243	509	1,074	2,412	1,184	1,741	474	433	9.0	8.9	9.8	9.1	8.2
Minn.	1,725	100	223	535	230	351	150	97	9.0	8.8	9.8	9.0	8.8
Iowa	1,539	60	183	439	240	373	127	78	9.8	9.0	10.7	9.9	8.6
Mo.	2,404	204	370	700	339	437	159	119	8.8	8.8	8.9	8.9	8.0
N. Dak.	326	29	52	107	34	53	31	15	8.7	8.6	8.9	8.8	7.0
S. Dak.	357	21	43	119	46	68	36	18	8.9	8.8	8.9	8.9	8.1
Nebr.	773	38	82	212	122	191	67	39	10.1	9.3	10.8	10.1	8.8
Kans.	1,119	56	121	300	173	268	104	67	10.2	9.4	10.8	10.3	8.7
S. A.	11,359	2,017	2,752	1,379	1,892	1,602	754	673	8.6	8.3	8.8	9.2	5.9
Del.	189	18	31	82	39	39	11	14	8.3	8.4	10.2	10.4	7.2
Md.	1,362	149	318	206	222	243	82	95	9.9	8.8	9.0	9.5	6.9
D. C.	325	36	71	61	80	126	57	68	12.0	11.7	12.1	12.4	8.8
Va.	1,800	315	489	153	281	262	133	113	8.5	8.0	8.8	9.3	6.1
W. Va.	1,040	143	232	258	136	152	57	45	8.5	8.4	8.6	8.6	7.6
N. C.	2,020	425	599	182	367	191	120	102	7.9	7.6	8.2	8.6	5.9
S. C.	1,007	276	261	36	180	78	55	54	7.6	7.3	7.9	9.0	4.8
Ga.	1,778	430	476	167	303	176	108	70	7.8	7.5	8.1	8.8	4.9
Fla.	1,637	224	274	284	284	335	132	103	9.6	9.2	10.0	10.9	5.8
E. S. C.	5,942	1,204	1,387	1,038	864	778	319	229	8.3	8.1	8.5	8.7	5.7
Ky.	1,553	260	330	407	187	199	82	59	8.4	8.3	8.5	8.5	7.3
Tenn.	1,757	322	403	322	251	254	101	72	8.4	8.3	8.6	8.6	6.5
Ala.	1,559	352	416	163	261	194	78	57	7.9	7.7	8.2	8.8	5.4
Miss.	1,073	270	239	146	165	132	58	41	8.1	7.7	8.4	9.9	5.1
W. S. C.	7,871	1,404	1,612	1,044	1,438	1,179	580	429	8.8	8.6	9.0	9.3	6.0
Ark.	1,001	198	233	183	157	129	52	31	8.3	8.2	8.5	8.7	5.6
La.	1,415	406	325	135	205	161	78	67	7.6	7.4	7.9	8.8	4.6
Okla.	1,243	137	218	247	202	223	105	77	9.1	8.9	9.6	9.4	7.8
Tex.	4,213	664	836	479	874	662	345	254	9.3	8.9	9.6	9.7	7.0
Mt.	2,724	234	312	524	465	627	295	195	10.7	10.0	11.3	10.8	7.3
Mont.	336	21	40	84	51	74	36	20	10.1	9.0	11.2	10.2	8.0
Idaho	314	15	32	76	59	73	36	17	10.6	9.8	11.3	10.6	8.4
Wyo.	158	9	16	32	28	39	17	11	11.1	10.2	12.0	11.1	8.5
Colo.	757	53	84	155	123	179	81	62	10.9	10.2	11.5	10.9	9.8
N. Mex.	326	59	50	44	50	59	30	22	9.3	9.0	9.7	9.5	5.8
Ariz.	393	56	52	62	64	81	38	29	10.0	9.5	10.5	10.6	5.5
Utah	344	15	28	54	72	96	46	26	12.0	11.8	12.0	12.0	8.9
Nev.	97	7	9	16	18	26	11	7	11.5	10.8	12.0	11.7	7.4
Pac.	8,880	549	902	1,553	1,592	2,357	974	695	11.5	11.0	11.9	11.6	8.9
Wash.	1,412	66	141	294	252	370	146	102	11.2	10.5	11.8	11.3	8.8
Oreg.	910	39	91	207	168	229	93	61	10.9	10.2	11.6	10.9	8.9
Calif.	6,558	445	670	1,052	1,172	1,759	735	533	11.6	11.2	11.9	11.8	8.9
Alaska ³	67	9	6	10	11	17	8	5	11.3	10.8	12.1	12.2	4.0
Hawaii	247	59	40	32	36	49	13	15	8.7	8.6	8.9	(4)	(5)
Puerto Rico ³	842	546	137	58	40	80	14	15	3.7	4.1	3.3	3.8	3.4

¹ Includes persons for whom years of school completed was not reported, not shown separately.

² Includes persons reporting no school years completed.

³ Based on complete-count data. ⁴ Not available.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II, Part 1.

No. 138.—ILLITERACY OF PERSONS 14 YEARS OLD AND OVER, BY AGE, COLOR, SEX, AND URBAN AND RURAL RESIDENCE: 1947 AND 1952

[In thousands. As of October. Data relate to civilian noninstitutional population based on Current Population Survey. Population base was 1940 extended to survey dates; data will differ from results obtained by revised estimating procedure; see Technical Note, p. 201. Persons unable to both read and write in any language were classified as illiterate. Information on illiteracy was obtained in 1952 only for persons completing less than 6 years of school, and in 1947 only for persons completing less than 5 years of school. Persons completing more than that amount were classified as being literate]

AGE, SEX, AND RESIDENCE	1947					1952				
	Population	Illiterate		Percent illiterate by color		Population	Illiterate		Percent illiterate by color	
		Number	Percent	White	Non-white		Number	Percent	White	Non-white
Total, 14 and over.....	106,428	2,838	2.7	1.8	11.0	110,074	2,780	2.5	1.8	10.2
14 to 24 years.....	24,257	232	1.0	0.6	4.4	21,716	250	1.2	0.8	3.9
25 to 34 years.....	22,481	310	1.4	0.8	7.2	23,138	280	1.2	0.7	6.4
35 to 44 years.....	19,898	420	2.1	1.3	9.7	21,220	284	1.3	0.8	6.6
45 to 54 years.....	16,625	506	3.0	2.0	13.8	17,794	486	2.7	1.8	11.5
55 to 64 years.....	12,652	662	5.2	4.2	19.1	13,946	634	4.5	3.5	18.1
65 years and over.....	10,515	709	6.7	4.9	32.4	12,260	846	6.9	5.0	33.3
Urban.....	64,900	1,267	2.0	(1)	(1)	72,678	1,450	2.0	(1)	(1)
Rural nonfarm.....	22,026	539	2.4	(1)	(1)	22,122	464	2.1	(1)	(1)
Rural farm.....	19,501	1,032	5.3	(1)	(1)	15,274	866	5.7	(1)	(1)
Male, 14 and over.....	51,733	1,557	3.0	1.9	14.2	52,144	1,554	3.0	2.1	12.7
14 to 24 years.....	11,706	158	1.3	(1)	(1)	9,776	178	1.8	1.2	7.2
25 to 34 years.....	10,726	192	1.8	(1)	(1)	10,936	170	1.6	0.8	9.7
35 to 44 years.....	9,717	262	2.7	(1)	(1)	10,200	170	1.7	1.2	7.5
45 to 54 years.....	8,235	281	3.4	(1)	(1)	8,688	276	3.2	2.2	12.8
55 to 64 years.....	6,344	318	5.0	(1)	(1)	6,816	322	4.7	3.6	19.4
65 years and over.....	5,005	348	7.0	(1)	(1)	5,728	438	7.6	5.6	35.8
Urban.....	30,851	590	1.9	(1)	(1)	33,558	704	2.1	(1)	(1)
Rural nonfarm.....	10,776	309	2.9	(1)	(1)	10,650	288	2.7	(1)	(1)
Rural farm.....	10,107	659	6.5	(1)	(1)	7,936	502	7.1	(1)	(1)
Female, 14 and over.....	54,693	1,280	2.3	1.7	8.2	57,930	1,226	2.1	1.5	8.2
14 to 24 years.....	12,550	74	0.6	(1)	(1)	11,940	72	0.6	0.5	1.4
25 to 34 years.....	11,754	118	1.0	(1)	(1)	12,202	110	0.9	0.6	3.8
35 to 44 years.....	10,181	168	1.6	(1)	(1)	11,020	114	1.0	0.5	5.9
45 to 54 years.....	8,390	225	2.7	(1)	(1)	9,106	210	2.3	1.4	10.4
55 to 64 years.....	6,308	344	5.5	(1)	(1)	7,130	312	4.4	3.4	16.9
65 years and over.....	5,510	361	6.6	(1)	(1)	6,532	408	6.2	4.4	31.2
Urban.....	34,049	677	2.0	(1)	(1)	38,120	746	1.9	(1)	(1)
Rural nonfarm.....	11,250	230	2.0	(1)	(1)	11,472	176	1.5	(1)	(1)
Rural farm.....	9,395	373	4.0	(1)	(1)	7,338	304	4.1	(1)	(1)

1 Not available.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 45.

No. 139.—PERCENT ILLITERATE FOR PERSONS 14 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED, COLOR, AND SEX: 1952

[As of October. See headnote, table 138. Percent not shown where base is less than 100,000]

YEARS OF SCHOOL COMPLETED	TOTAL			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total.....	2.5	3.0	2.1	1.8	2.1	1.5	10.2	12.7	8.2
None.....	77.8	77.2	78.6	73.6	72.5	74.8	89.3	89.5	89.1
1 year.....	51.5	49.2	55.8	40.6	37.9	46.4	69.0	70.8	-----
2 years.....	36.3	36.2	36.4	30.9	31.6	29.9	46.7	47.2	40.2
3 years.....	14.7	15.4	13.8	13.7	13.5	14.0	16.9	20.0	13.4
4 years.....	4.6	5.2	3.9	3.7	4.3	2.9	7.1	8.2	6.2
5 years.....	1.3	1.8	0.9	1.2	1.7	0.6	1.9	2.3	1.6

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 45.

No. 149.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1870 TO 1954

ITEM	1870	1880	1890	1900	1910	1920
Total population ¹1,000.....	38,558	50,156	² 62,622	² 75,603	91,972	105,711
Population 5-17 years, inclusive ¹do.....	12,055	15,066	² 18,543	² 21,404	24,240	27,729
Percent of total population.....	31.3	30.1	29.6	28.3	26.4	26.2
Pupils enrolled.....1,000.....	6,872	9,867	12,723	15,503	17,814	21,578
Percent of total population.....	17.8	19.7	20.3	20.5	19.4	20.4
Percent of population 5-17, inclusive.....	57.0	65.5	68.6	72.4	73.5	77.8
Average daily attendance.....1,000.....	4,077	6,144	8,154	10,633	12,827	16,150
Percent of pupils enrolled.....	59.3	62.3	64.1	68.6	72.1	74.8
Average length of term in days.....	132.2	130.3	134.7	144.3	157.5	161.9
Average number of days attended per enrolled pupil.....	78.4	81.1	86.3	99.0	113.0	121.2
Number of teachers ³1,000.....	201	287	364	423	523	680
Male.....do.....	78	123	126	127	110	96
Female.....do.....	123	164	238	296	413	584
Percent male teachers.....	38.7	42.8	34.5	29.9	21.1	14.1
Salaries: Teachers, supervisors, and principals \$1,000.....	37,833	55,943	91,836	137,688	253,915	590,120
Average annual salary per teacher ⁴dollars.....	189	195	252	325	485	871
Total expenditures for education ⁵\$1,000.....	63,397	78,095	140,507	214,965	426,250	1,036,151
Per capita of total population.....dollars.....	1.64	1.56	2.24	2.84	4.64	9.80
Per capita of population 5-17, inclusive.....do.....	5.26	5.18	7.58	10.04	17.58	37.37
Per pupil enrolled ⁶do.....	9.23	7.91	11.04	13.87	23.93	48.02
Per pupil in average attendance ⁶do.....	15.55	12.71	17.23	20.21	33.23	64.16
Expenditures for capital outlay.....\$1,000.....			26,207	35,451	60,978	153,543

ITEM	1930	1940	1948	1950	1952	1954
Total population ¹1,000.....	122,775	131,669	146,113	⁷ 148,665	⁷ 153,383	⁷ 158,320
Population 5-17 years, inclusive ¹do.....	31,571	29,745	30,171	30,168	31,379	34,540
Percent of total population.....	25.7	22.6	20.6	20.3	20.5	21.8
Pupils enrolled.....1,000.....	25,678	25,434	23,945	25,111	26,563	28,836
Percent of total population.....	20.9	19.3	16.4	16.9	17.3	18.2
Percent of population 5-17, inclusive.....	81.3	85.5	79.4	83.2	84.7	83.5
Average daily attendance.....1,000.....	21,265	22,042	20,910	22,284	23,257	25,644
Percent of pupils enrolled.....	82.8	86.7	87.3	88.7	87.6	88.9
Average length of term in days.....	172.7	175.0	177.6	177.9	178.2	178.6
Average number of days attended per enrolled pupil.....	143.0	151.7	155.1	157.9	156.0	158.9
Number of teachers ³1,000.....	854	875	861	914	⁸ 963	⁸ 1,042
Male.....do.....	142	195	162	195	235	⁸ 269
Female.....do.....	712	681	699	719	728	⁸ 773
Percent male teachers.....	16.6	22.2	18.8	21.3	24.4	⁸ 24.6
Salaries: Teachers, supervisors, and principals \$1,000.....	1,250,427	1,314,342	2,393,630	2,896,489	3,492,724	4,200,542
Average annual salary per teacher ⁴dollars.....	1,420	1,441	2,639	3,010	3,450	3,825
Total expenditure for education ⁵\$1,000.....	2,316,790	2,344,049	4,311,176	5,837,643	7,344,237	9,062,449
Per capita of total population.....dollars.....	18.87	17.77	29.61	39.27	47.88	57.43
Per capita of population 5-17, inclusive.....do.....	73.38	78.65	142.80	193.50	234.05	263.24
Per pupil enrolled ⁶do.....	89.84	91.64	178.80	231.05	275.34	312.11
Per pupil in average attendance ⁶do.....	108.49	105.74	202.81	258.85	312.68	350.90
Expenditures for capital outlay.....\$1,000.....	370,878	257,974	412,467	1,014,176	1,477,332	2,055,178

¹ Census enumeration as of June 1, 1870 to 1900; Apr. 15, 1910; Jan. 1, 1920; Apr. 1, 1930 and 1940; 1948-1954, Census estimates and excludes Armed Forces overseas.

² Excluding population of Indian Territory which is not covered by public-school statistics, and also, for 1890, population of Indian reservations. These were not enumerated at censuses prior to 1890.

³ Includes other nonsupervisory instructional staff; excludes supervisors and principals.

⁴ Beginning 1920, based on total number of teachers, supervisors, and principals.

⁵ Current expense, capital outlays, and interest.

⁶ Beginning 1920, excludes data for night, summer, part-time, and continuation schools separately reported.

⁷ Beginning with the school year 1950, population as of July 1 prior to opening of school year compared with school enrollment data. For example, July 1, 1949, population data compared with 1949-50 school enrollment.

⁸ Includes 857 principals in Tennessee.

⁹ Estimated.

Source (except for population statistics): Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, Chapter 1, Statistical Summary of Education, and Chapter 2, Statistics of State School Systems.

NO. 141.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, TEACHERS, AND SCHOOLROOMS, BY STATES AND TERRITORIES: FALL 1957

[Enrollment data, compiled in the fall, are not directly comparable with the cumulative statistics on enrollment which, in *Biennial Survey of Education in the United States*, are given for an entire school year. Except as noted, schools are classified by type of organization, rather than by grade-group; elementary includes kindergarten and secondary includes junior high schools. Preliminary data]

STATE OR TERRITORY	PUPILS ENROLLED		CLASSROOM TEACHERS				PUPILS IN EXCESS OF NORMAL CAPACITY ²		Instruc- tion rooms sched- uled for com- pletion during fiscal 1958
			Total ¹		Teaching under substandard credentials				
	Elemen- tary	Second- ary	Elemen- tary	Second- ary	Elemen- tary	Second- ary	Elemen- tary	Second- ary	
Cont. U. S. ³	22,832,000	10,067,000	786,000	469,000	69,800	21,400	1,373,000	564,000	70,800
New England	1,181,838	492,213	42,041	26,058	2,614	1,015	38,196	28,992	3,523
Maine	140,965	45,353	5,148	2,318	273	87	4,659	2,423	351
New Hampshire	65,780	28,526	2,523	1,403	130	80	3,561	2,094	184
Vermont	50,277	19,440	2,096	969	368	122	2,991	1,597	70
Massachusetts	424,952	255,941	18,820	13,031	394	168	15,000	8,000	1,261
Rhode Island	74,500	46,500	2,730	2,175	142	145	3,501	1,528	144
Connecticut	325,364	96,453	10,724	6,162	1,307	413	8,484	13,350	1,513
Middle Atlantic	3,442,084	1,883,618	119,627	93,514	8,857	4,379	(7)	(7)	(7)
New York	1,570,000	960,000	56,800	48,400	4,300	3,200	(7)	(7)	(7)
New Jersey	704,000	221,000	24,500	14,800	4,300	900	49,300	29,000	1,575
Pennsylvania	1,168,084	702,618	38,327	30,314	257	279	(7)	(7)	3,750
E. North Central	4,402,810	2,029,120	157,564	86,323	18,405	4,742	211,204	96,533	13,968
Ohio	1,161,772	560,957	38,030	24,722	3,632	1,161	39,535	15,167	2,999
Indiana	569,039	303,013	17,273	14,898	2,559	752	16,470	10,530	2,500
Illinois	1,199,547	397,389	46,561	19,703	5,298	694	46,401	11,909	2,940
Michigan	988,452	535,761	38,000	19,000	6,000	2,000	106,873	57,927	4,220
Wisconsin	484,000	172,000	17,700	8,000	916	135	1,925	1,000	1,600
W. North Central	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Minnesota	400,300	245,300	14,800	12,500	353	164	12,680	7,620	1,603
Iowa	365,373	176,257	14,672	9,828	115	139	19,000	10,000	600
Missouri	592,877	179,330	20,219	7,981	1,540	10 226	(7)	(7)	1,500
North Dakota	106,121	30,727	5,087	1,863	545	(7)	(7)	(7)	190
South Dakota	105,040	33,067	5,574	2,131	102	64	3,341	1,671	254
Nebraska	183,975	73,755	9,066	4,446	347	151	2,542	821	225
Kansas	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)
South Atlantic	3,622,619	1,624,822	119,332	69,707	(7)	(7)	(7)	(7)	(7)
Delaware	41,985	27,357	1,671	1,399	294	60	2,204	1,381	316
Maryland	334,332	197,016	10,654	8,760	3,626	1,230	43,566	23,528	1,212
Dist. of Col.	72,766	37,275	2,226	1,723	425	225	(7)	(7)	53
Virginia	550,323	224,907	17,858	10,750	2,017	302	47,742	24,352	1,271
West Virginia	291,877	162,798	10,340	6,566	1,040	380	14,002	10,950	231
North Carolina	797,435	239,927	26,821	10,325	1,684	246	(7)	(7)	1,599
South Carolina	359,675	176,185	12,130	7,521	20	33	6,000	10,000	500
Georgia	687,118	251,986	20,116	10,032	(7)	(7)	70,689	35,345	2,750
Florida	487,108	306,471	17,516	12,631	517	37	61,688	30,464	1,845
E. South Central	1,917,095	737,821	59,543	32,031	9,410	2,442	319,488	110,424	3,474
Kentucky	437,916	161,600	14,834	7,132	2,225	625	38,945	15,537	1,170
Tennessee	508,000	185,510	19,263	7,215	510	192	19,000	8,390	253
Alabama	466,089	288,711	14,775	11,700	2,850	950	210,735	70,245	374
Mississippi	445,000	102,000	10,671	5,984	3,825	675	50,808	16,252	1,677
W. South Central	2,564,763	899,214	81,210	48,863	5,984	2,301	(7)	(7)	8,639
Arkansas	202,000	156,000	7,920	5,700	2,248	1,562	15,000	5,000	500
Louisiana	481,932	148,060	15,096	8,874	970	382	25,005	6,285	1,847
Oklahoma	332,565	199,539	11,444	8,165	6	17	(7)	(7)	1,122
Texas	1,488,266	395,615	46,750	26,124	2,760	340	32,100	8,550	5,170
Mountain	960,443	462,170	36,724	21,147	2,427	738	77,107	30,369	2,175
Montana	91,568	41,816	4,255	2,237	311	46	2,870	2,279	267
Idaho	90,297	55,860	3,232	2,452	737	253	2,849	2,985	170
Wyoming	57,292	17,891	2,295	1,235	280	100	1,500	500	150
Colorado	227,846	125,300	9,838	6,243	374	93	21,378	11,014	500
New Mexico	116,966	71,278	4,468	2,639	9	(7)	10,417	4,465	479
Arizona	211,134	55,483	7,060	2,426	(7)	(7)	28,044	4,733	1,270
Utah	127,746	80,591	4,098	3,193	679	246	7,198	3,928	200
Nevada	37,594	13,951	1,478	722	37	(7)	2,851	465	145
Pacific	2,658,682	1,094,024	86,450	46,546	10,582	2,494	120,650	49,332	11,843
Washington	426,682	149,024	13,250	7,525	1,600	400	45,000	25,000	1,270
Oregon	257,000	105,000	10,200	5,021	1,482	94	5,650	4,332	573
California	1,975,000	840,000	63,000	34,000	7,500	2,000	70,000	20,000	10,000
Alaska	28,512	5,404	1,256	268	102	15	5,634	1,193	160
Hawaii	81,289	48,221	2,602	1,632	620	250	2,943	1,030	310

¹ Excludes supervisors, principals, librarians, etc. ² Capacity of accessible publicly owned school plants in use.

³ Includes estimates for nonreporting States. ⁴ As of June 30, 1957.

⁵ Reported by grade group; kindergarten through grade 8 for elementary, and grades 9-12 for secondary.

⁶ Includes teachers working toward standard certificates; their present certificates are emergency but not substandard. ⁷ Not available. ⁸ Reported by grade group; kindergarten through grade 6 for elementary, and grades 7-12 for secondary. ⁹ Includes teachers in 1-room schools not having minimum requirement of 64 hours.

¹⁰ Includes teachers who have not completed 120 semester hours. ¹¹ Data for 1955-56. ¹² Nonreporting.

¹³ Data for 1956-57. ¹⁴ Excludes one building for which the number of rooms were not reported.

Source: Department of Health, Education, and Welfare, Office of Education; *Fall 1957 Statistics on Enrollment, Teachers, and Schoolhousing in Full-Time Public Elementary and Secondary Schools*.

No. 142.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY STATES AND OTHER AREAS: 1920 TO 1954

[In thousands. See also table 141]

STATE OR OTHER AREA	1920		1930		1940		1950		1954	
	Ele- men- tary ¹	Sec- ond- ary ²	Ele- men- tary ¹	Sec- ond- ary ²	Ele- men- tary ¹	Sec- ond- ary ²	Ele- men- tary ¹	Sec- ond- ary ²	Ele- men- tary ¹	Sec- ond- ary ²
Continental U. S.....	19,379	2,199	21,279	4,399	18,832	6,601	19,387	5,725	22,546	6,290
New England.....	1,072	170	1,194	298	990	410	962	331	1,159	327
Maine.....	118	19	124	30	124	40	124	34	135	34
New Hampshire.....	56	8	60	14	54	22	53	18	64	19
Vermont.....	53	9	54	12	51	14	49	12	50	14
Massachusetts.....	530	94	554	165	481	219	454	178	541	170
Rhode Island.....	84	9	101	17	84	31	71	25	90	41
Connecticut.....	231	31	260	59	196	85	210	63	280	69
Middle Atlantic.....	3,510	415	4,028	843	3,324	1,472	3,095	1,128	3,668	1,128
New York.....	1,500	220	1,717	425	1,515	712	1,458	540	1,776	526
New Jersey.....	538	57	672	120	503	214	495	180	623	171
Pennsylvania.....	1,472	138	1,639	298	1,306	546	1,142	408	1,268	431
East North Central.....	3,386	486	3,897	979	3,248	1,392	3,478	1,132	4,199	1,249
Ohio.....	887	134	1,012	266	842	372	917	286	1,145	329
Indiana.....	488	78	523	144	474	197	524	166	627	186
Illinois.....	1,000	128	1,095	301	873	376	871	283	1,044	320
Michigan.....	606	86	809	162	683	287	810	260	975	265
Wisconsin.....	405	60	458	106	376	160	356	138	408	150
West North Central.....	2,425	300	2,284	570	1,917	728	1,828	584	2,057	631
Minnesota.....	442	61	453	99	365	147	359	123	414	139
Iowa.....	463	52	437	117	364	139	395	113	399	123
Missouri.....	601	72	524	132	525	176	499	145	549	155
North Dakota.....	157	11	140	30	106	34	88	27	95	29
South Dakota.....	132	15	134	31	98	38	89	29	98	31
Nebraska.....	281	31	256	69	195	81	168	60	189	61
Kansas.....	349	58	340	92	264	112	261	87	314	94
South Atlantic.....	3,083	199	3,271	484	3,120	804	3,251	809	3,762	924
Delaware.....	35	3	35	7	32	12	35	11	45	12
Maryland.....	225	17	235	42	219	68	270	65	344	85
District of Columbia.....	57	9	65	16	71	25	75	22	86	24
Virginia.....	474	31	489	74	454	114	480	118	565	130
West Virginia.....	325	21	347	49	361	92	349	90	351	101
North Carolina.....	660	31	750	117	684	202	704	181	762	206
South Carolina.....	449	29	416	53	395	87	415	79	445	94
Georgia.....	646	45	633	81	612	126	571	147	667	141
Florida.....	212	13	301	45	292	77	353	97	498	130
East South Central.....	2,023	114	2,189	246	2,155	379	2,009	421	2,060	479
Kentucky.....	512	23	526	62	507	97	467	96	484	108
Tennessee.....	586	34	553	70	540	108	539	120	575	141
Alabama.....	535	35	562	61	586	100	556	124	563	140
Mississippi.....	390	22	543	52	521	73	447	81	439	89
West South Central.....	2,260	202	2,437	444	2,226	653	2,147	539	2,405	650
Arkansas.....	455	28	410	46	392	73	329	78	329	86
Louisiana.....	330	24	377	58	374	99	400	84	443	109
Oklahoma.....	547	42	578	104	472	140	340	101	364	119
Texas.....	928	108	1,072	236	987	341	1,078	276	1,269	335
Mountain.....	712	82	728	171	671	235	761	223	940	270
Montana.....	112	15	96	25	75	32	80	26	90	29
Idaho.....	102	13	94	27	87	34	91	31	102	35
Wyoming.....	39	4	43	11	40	16	46	14	53	15
Colorado.....	196	24	197	43	163	58	177	52	226	63
New Mexico.....	77	4	89	15	109	23	121	27	138	35
Arizona.....	71	6	89	15	88	22	112	28	158	40
Utah.....	103	14	105	33	93	43	115	39	139	44
Nevada.....	12	2	14	4	15	6	20	6	35	9
Pacific.....	908	231	1,251	365	1,181	528	1,856	558	2,296	635
Washington.....	248	43	259	85	226	106	309	92	371	107
Oregon.....	126	25	155	48	128	61	189	66	237	76
California.....	534	163	837	232	828	362	1,358	399	1,688	462
Alaska.....	3	(⁷)	3	1	5	2	12	2	24	4
American Samoa.....	—	—	2	—	3	(⁷)	3	1	5	(⁷)
Canal Zone.....	3	(⁷)	6	1	6	1	8	2	10	2
Guam.....	—	—	4	(⁷)	5	(⁷)	(⁹)	(⁹)	9	2
Hawaii.....	39	2	65	7	70	22	65	25	(⁹)	(⁹)
Puerto Rico.....	176	4	214	7	270	16	362	48	448	57

¹ Kindergarten through grade 8. ² Grades 9 through 12 and postgraduates; 1930 data include secondary pupils in local normal and vocational schools.

³ As of Oct. 1, 1953. ⁴ Estimate from school census. ⁵ As of Oct. 31, 1953. ⁶ As of Mar. 31, 1954.

⁷ Less than 500 pupils. ⁸ Not available.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States* and records.

No. 143.—NUMBER OF SCHOOLS OF SPECIFIED TYPES, BY STATES AND OTHER AREAS: 1954

STATE OR OTHER AREA	PUBLIC SCHOOLS (excluding kindergartens)		NONPUBLIC SCHOOLS (ex- cluding kindergartens) ¹		INSTITUTIONS OF HIGHER EDUCATION ²		RESIDENTIAL SCHOOLS FOR EXCEPTIONAL CHILDREN, 1946		Schools of nurs- ing not affiliated with colleges and univers- ities ³
	Elemen- tary	Sec- ond- ary	Elemen- tary	Sec- ond- ary	Pub- licly con- trolled	Pri- vately con- trolled	Pub- lic	Pri- vate	
Continental U. S.	110,875	25,637	11,739	3,913	4,662	1,201	307	137	963
New England.....	5,023	1,102	1,030	502	38	109	28	16	99
Maine.....	1,192	194	103	71	6	9	4	—	8
New Hampshire.....	453	93	86	46	3	5	2	—	11
Vermont.....	664	81	34	25	4	10	2	1	6
Massachusetts.....	1,692	527	486	233	17	53	11	11	52
Rhode Island.....	286	66	97	35	2	9	4	1	5
Connecticut.....	736	141	224	92	6	23	5	3	17
Middle Atlantic.....	10,752	2,836	2,676	829	66	233	28	60	238
New York.....	4,005	1,276	1,200	395	40	106	11	31	92
New Jersey.....	1,538	308	437	148	10	28	9	6	40
Pennsylvania.....	5,209	1,252	1,039	286	16	99	8	23	106
East North Central.....	17,721	3,814	3,157	790	88	226	38	17	193
Ohio.....	2,926	1,139	1,637	518	9	53	11	1	55
Indiana.....	2,036	797	350	6	6	32	7	1	21
Illinois.....	2,189	616	968	224	18	84	5	5	77
Michigan.....	5,333	703	1,681	525	20	20	9	6	21
Wisconsin.....	5,237	559	623	106	35	28	6	4	19
West North Central.....	29,396	3,955	1,794	463	99	138	46	8	113
Minnesota.....	5,508	572	398	83	15	27	11	3	17
Iowa.....	5,056	905	359	136	18	30	6	2	22
Missouri.....	6,000	702	452	103	17	36	11	3	23
North Dakota.....	2,681	378	57	19	11	1	4	—	10
South Dakota.....	3,023	271	78	28	7	8	4	—	7
Nebraska.....	4,082	479	244	55	10	13	5	—	11
Kansas.....	3,046	648	206	39	21	23	5	—	23
South Atlantic.....	14,055	4,221	655	366	88	202	61	13	146
Delaware.....	148	50	34	13	2	2	4	—	6
Maryland.....	800	211	187	68	13	20	6	9	18
District of Columbia.....	127	37	56	27	2	26	5	2	4
Virginia.....	2,342	487	74	74	12	33	10	1	33
West Virginia.....	3,352	382	64	21	11	11	9	—	18
North Carolina.....	2,241	937	62	42	16	41	9	—	30
South Carolina.....	2,036	430	34	19	7	23	6	—	13
Georgia.....	1,771	1,227	51	35	18	30	7	1	14
Florida.....	1,238	460	93	67	7	16	5	—	10
East South Central.....	13,419	3,174	482	254	47	100	24	3	50
Kentucky.....	4,258	508	238	111	9	28	5	1	10
Tennessee.....	3,418	512	85	49	7	38	7	1	12
Alabama.....	2,719	1,404	110	51	9	13	8	1	13
Mississippi.....	3,024	750	49	43	22	16	4	—	15
West South Central.....	9,418	3,953	821	283	95	82	30	6	46
Arkansas.....	1,424	622	64	22	12	10	4	—	6
Louisiana.....	1,557	556	271	96	9	11	7	2	7
Oklahoma.....	2,437	987	96	43	23	9	8	2	9
Texas.....	4,000	1,788	390	122	51	52	11	2	24
Mountain.....	4,976	1,360	360	135	45	20	31	1	30
Montana.....	1,171	193	61	22	8	3	5	—	4
Idaho.....	497	161	41	9	4	3	4	—	8
Wyoming.....	619	102	12	2	2	—	3	—	—
Colorado.....	1,255	464	86	35	13	7	6	1	8
New Mexico.....	624	189	94	33	7	2	5	—	1
Arizona.....	244	66	47	21	5	2	3	—	4
Utah.....	371	149	10	11	5	3	4	—	5
Nevada.....	195	36	9	2	1	—	1	—	—
Pacific.....	6,115	1,222	764	291	91	91	21	13	53
Washington.....	1,107	374	119	57	14	13	8	—	15
Oregon.....	1,065	223	97	28	6	16	5	1	5
California.....	3,943	625	548	206	71	62	8	12	33
Alaska.....	128	30	14	2	1	—	—	—	—
American Samoa.....	45	7	—	—	—	—	—	—	—
Canal Zone.....	17	10	—	—	1	—	—	—	—
Guam.....	21	3	—	—	1	—	—	—	—
Hawaii.....	164	87	54	20	1	—	4	—	3
Puerto Rico.....	1,789	325	101	68	1	3	3	1	9
Virgin Islands ⁴	21	3	11	2	—	—	—	—	—

¹ Estimated unless otherwise indicated.² Comprises universities, colleges, professional schools, teachers colleges, normal schools and junior colleges.³ January 1954. ⁴ Includes U. S. Service Academies.⁵ Reported to the Office of Education or listed in the State educational directory. ⁶ Data for 1951-52.Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1952-54*, Chapter 1, Statistical Summary of Education.

No. 144.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, ATTENDANCE, AND HIGH SCHOOL GRADUATES, BY STATES AND OTHER AREAS: 1954

[Includes data for kindergartens. Excludes data for residential schools for exceptional children, observation and practice schools, preparatory departments of colleges and universities, Federal schools for Indians, and Federal schools on Federal installations]

STATE OR OTHER AREA	Enrollment	Average daily attendance	Percent of pupils enrolled attending daily	Average length of term in days	Average number of days attended per pupil enrolled	High school graduates
Continental U. S.	28,836,052	25,643,871	88.9	178.6	158.9	1,129,341
New England	1,485,854	1,332,545	89.7			63,004
Maine	169,364	154,877	91.4	182.0	166.4	6,404
New Hampshire	82,778	74,204	89.6	176.3	158.0	3,667
Vermont	82,787	59,278	92.9	172.3	160.1	2,690
Massachusetts	1,710,551	1,636,137	89.5	177.1	158.6	33,052
Rhode Island	110,674	95,532	86.3	180.0	155.4	3,913
Connecticut	346,700	312,517	89.6	180.6	161.9	13,278
Middle Atlantic	4,795,285	4,199,005	87.6			203,258
New York	2,302,815	1,959,094	85.1	184.5	157.0	91,116
New Jersey	793,782	700,070	88.3	180.6	159.5	31,610
Pennsylvania	1,698,688	1,538,941	90.6	181.9	164.8	80,532
East North Central	5,447,692	4,874,769	89.5			233,976
Ohio	1,474,046	1,332,170	90.4	176.6	159.6	59,683
Indiana	812,210	687,165	84.6	181.6	153.6	34,350
Illinois	1,363,260	1,201,861	88.2	186.3	164.3	60,170
Michigan	1,240,730	1,150,433	92.7	180.0	166.9	48,209
Wisconsin	557,446	503,140	90.3	178.1	160.8	31,564
West North Central	2,687,620	2,372,628	88.3			123,601
Minnesota	552,123	501,875	90.9	173.7	157.9	28,224
Iowa	522,954	463,872	88.7	179.6	159.3	25,205
Missouri	703,667	599,187	85.2	183.8	156.5	27,055
North Dakota	123,174	110,228	90.7	176.3	159.9	5,927
South Dakota	128,439	116,153	90.4	177.5	160.5	6,417
Nebraska	249,920	224,908	90.0	176.2	158.5	12,587
Kansas	407,343	356,405	87.5	171.4	150.0	18,186
South Atlantic	4,685,511	4,133,712	88.2			152,235
Delaware	57,205	51,003	89.2	177.7	158.4	2,136
Maryland	428,292	386,817	90.3	181.1	163.5	14,070
District of Columbia	109,135	91,810	84.1	176.6	148.6	3,294
Virginia	605,277	616,441	88.7	180.0	159.6	21,130
West Virginia	451,991	409,714	90.6	172.9	156.8	17,586
North Carolina	968,066	874,165	90.3	180.0	162.5	35,679
South Carolina	539,437	456,650	84.7	179.7	152.1	14,822
Georgia	807,631	705,712	87.4	180.0	157.3	22,880
Florida	628,477	541,400	86.1	180.0	155.1	20,638
East South Central	2,538,918	2,218,878	87.4			80,205
Kentucky	591,558	511,395	86.4	172.1	148.8	17,736
Tennessee	716,295	639,569	89.3	174.9	156.2	22,928
Alabama	703,647	615,686	87.5	175.9	154.0	25,963
Mississippi	527,408	452,228	85.7	166.7	142.9	14,178
West South Central	3,054,839	2,667,915	87.3			110,122
Arkansas	414,955	356,342	85.9	173.1	148.6	14,782
Louisiana	552,491	488,643	88.4	179.4	158.7	17,351
Oklahoma	483,100	433,003	89.6	177.7	159.3	21,626
Texas	1,604,293	1,389,927	86.6	175.5	152.1	56,363
Mountain	1,209,651	1,039,635	85.9			46,919
Montana	118,475	106,679	90.0	180.1	162.2	5,423
Idaho	136,376	122,910	90.1	172.0	155.0	6,504
Wyoming	68,271	55,886	81.9	177.3	145.1	2,930
Colorado	288,954	243,489	84.3	176.3	148.6	11,281
New Mexico	173,268	144,935	83.6	180.0	150.6	5,013
Arizona	197,535	163,302	82.7	170.5	140.9	5,969
Utah	183,164	166,794	91.1	174.1	158.5	8,384
Nevada	43,608	35,640	81.7	176.2	144.0	1,409
Pacific	2,930,682	2,804,784	95.7			116,021
Washington	478,312	424,361	88.7	174.7	155.0	19,896
Oregon	312,664	270,954	86.7	180.7	156.6	13,266
California	2,139,866	2,109,469	98.6	176.8	174.3	82,859
Alaska	27,676	20,436	73.8	172.0	127.0	677
American Samoa	5,082	(¹)	(¹)	(¹)	(¹)	11
Canal Zone	11,887	10,144	85.3	174.4	148.8	349
Guam	10,205	9,791	95.9	176.0	168.8	204
Hawaii	(²)	103,188		178.0	(²)	4,775
Puerto Rico	505,151	451,433	89.4	191.0	170.7	8,916

¹ As of Oct. 1, 1953. ² Estimated from school census.

³ Excludes kindergarten. ⁴ As of Oct. 31, 1953. ⁵ As of Mar. 31, 1954.

⁶ Because attendance in California includes excused absences and enrollment is not cumulative, the relationship between attendance and enrollment is not strictly comparable with that in other States. ⁷ Not available.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1962-64*, Chapter 2, Statistics of State School Systems.

No. 145.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBER AND SALARIES OF TEACHERS, BY STATES AND OTHER AREAS: 1940 TO 1954

STATE OR OTHER AREA	NUMBER OF TEACHERS ¹				SALARIES OF TEACHERS, SUPERVISORS, AND PRINCIPALS							
	1940	1950	1952	1954	Total (\$1,000)		Average salary (dollars)					
					1952	1954	1940	1950	1952	1954		
Continental U. S.	875,477	913,671	962,007	1,042,313	3,492,724	4,200,542	1,441	3,010	3,450	3,825		
New England	49,930	50,773	52,914	57,668	192,764	231,748	1,748	3,153				
Maine	6,156	6,323	6,475	7,154	15,366	17,727	894	2,115	2,269	2,427		
New Hampshire	2,945	2,816	3,083	3,240	9,569	11,101	1,258	2,712	3,031	3,252		
Vermont	2,653	2,405	2,581	2,622	6,947	8,142	981	2,348	2,598	2,820		
Massachusetts	24,769	24,696	25,653	27,572	97,869	118,201	2,037	3,338	3,553	4,006		
Rhode Island	3,788	3,984	3,860	4,087	14,814	16,864	1,809	3,294	3,603	3,881		
Connecticut	9,619	10,649	11,312	12,993	48,199	59,713	1,861	3,558	3,937	4,274		
Middle Atlantic	168,500	162,389	165,434	180,006	718,735	831,799	2,167	2,433				
New York	80,553	79,670	79,730	89,279	385,025	437,612	2,604	3,706	4,591	4,658		
New Jersey	26,984	27,109	28,641	31,654	118,450	141,479	2,093	3,511	3,922	4,271		
Pennsylvania	60,963	55,610	57,063	59,073	214,260	252,708	1,640	3,006	3,536	4,074		
East North Central	164,354	172,264	181,566	199,831	709,372	852,133	1,570	3,296				
Ohio	43,671	43,650	45,485	51,139	170,040	212,109	1,587	3,088	3,537	4,012		
Indiana	21,459	23,428	24,092	26,955	100,385	117,891	1,433	3,401	3,865	4,086		
Illinois	45,955	47,224	48,621	51,577	199,319	235,584	1,700	3,458	3,903	4,353		
Michigan	32,716	37,157	40,460	47,175	160,980	197,495	1,576	3,420	3,862	3,999		
Wisconsin	20,553	20,805	21,908	22,985	78,648	89,054	1,379	3,007	3,590	3,840		
West North Central	115,716	104,003	107,870	115,160	324,558	378,706	1,042	2,550				
Minnesota	21,080	19,574	20,784	22,119	71,284	84,451	1,276	3,013	3,327	3,687		
Iowa	22,450	21,819	21,843	24,535	66,649	74,634	1,017	2,420	2,895	2,897		
Missouri	26,423	22,494	23,140	24,260	68,418	81,618	1,159	2,581	2,763	3,188		
North Dakota	7,262	6,537	6,757	6,981	17,130	19,058	745	2,324	2,535	2,659		
South Dakota	7,837	7,127	7,221	7,539	17,408	20,184	807	2,064	2,351	2,638		
Nebraska	13,760	11,949	11,905	12,422	31,208	37,337	829	2,202	2,550	2,922		
Kansas	16,904	15,003	16,220	17,304	52,463	61,424	1,014	2,628	2,903	3,258		
South Atlantic	120,914	135,012	144,310	156,406	462,720	551,936	1,014	2,531				
Delaware	1,626	1,846	2,082	2,378	8,709	10,186	1,684	3,273	3,919	4,042		
Maryland	8,638	11,059	12,793	14,677	52,902	65,177	1,642	3,594	3,903	4,148		
District of Columbia	3,057	3,326	3,381	3,491	16,042	17,803	2,350	3,920	4,467	4,797		
Virginia	17,734	19,055	20,637	22,844	60,433	77,431	899	2,328	2,627	3,082		
West Virginia	14,252	14,145	14,450	14,414	48,280	50,208	1,170	2,425	2,967	3,058		
North Carolina	24,530	27,491	28,917	31,051	100,695	110,404	946	2,688	3,282	3,354		
South Carolina	15,042	16,753	17,479	17,909	42,522	51,804	743	1,891	2,400	2,815		
Georgia	22,846	24,380	25,642	27,586	68,242	81,356	770	1,963	2,586	2,862		
Florida	13,189	16,957	18,929	21,966	64,895	87,567	1,012	2,958	3,248	3,785		
East South Central	73,127	77,538	78,868	79,181	189,818	216,922	758	1,983				
Kentucky	18,802	18,097	18,323	19,026	46,927	51,197	826	1,936	2,398	2,526		
Tennessee	20,147	22,202	22,176	21,293	57,799	69,294	862	2,302	2,462	2,875		
Alabama	19,405	21,612	22,353	22,795	58,725	65,884	744	2,111	2,537	2,783		
Mississippi	14,773	15,627	16,016	16,067	26,367	30,547	559	1,416	1,617	1,864		
West South Central	93,091	94,796	102,774	106,811	316,771	389,726	987	2,853				
Arkansas	12,852	12,845	13,014	13,251	25,408	31,566	584	1,801	1,884	2,286		
Louisiana	14,830	15,652	16,369	18,372	57,164	68,679	1,006	2,983	3,124	3,504		
Oklahoma	20,204	15,931	17,948	18,340	56,041	62,603	1,014	2,736	3,031	3,271		
Texas	45,205	50,308	55,443	56,848	178,158	226,978	1,079	3,122	3,213	3,886		
Mountain	33,662	36,937	39,733	44,191	142,334	176,989	1,290	3,003				
Montana	5,195	4,584	5,400	5,601	17,379	20,680	1,184	2,962	3,094	3,530		
Idaho	4,513	4,449	4,498	4,763	13,620	17,014	1,057	2,481	2,849	3,350		
Wyoming	2,551	2,548	2,745	2,901	9,112	10,824	1,169	2,798	3,157	3,512		
Colorado	8,918	9,233	9,627	10,951	32,879	41,978	1,303	3,521	3,244	3,640		
New Mexico	3,798	4,908	5,434	6,147	21,721	27,178	1,144	3,215	3,621	4,127		
Arizona	3,884	5,146	5,516	6,635	23,317	30,013	1,544	3,556	4,021	4,401		
Utah	4,417	4,911	5,218	5,654	19,599	23,165	1,394	3,103	3,420	3,746		
Nevada	886	1,158	1,295	1,539	4,707	6,137	1,557	3,209	3,484	3,780		
Pacific	56,183	79,959	88,538	103,059	435,650	570,583	2,101	4,006				
Washington	10,583	14,624	15,691	17,474	64,774	80,203	1,706	3,487	3,919	4,334		
Oregon	7,296	10,226	11,269	12,200	45,205	54,911	1,333	3,323	3,679	4,163		
California	38,304	55,109	61,668	73,385	325,671	435,469	2,351	4,268	4,163	4,787		
Alaska ²	302	528	722	1,020	2,909	5,262	(³)	4,269	3,958	5,016		
American Samoa	65	103	(³)	169	(³)	(³)	(³)	(³)	(³)	(³)		
Canal Zone	200	300	344	377	1,436	1,622	1,634	3,519	3,870	4,005		
Guam	139	269	307	362	964	1,311	309	(³)	3,079	3,379		
Hawaii	3,091	3,214	3,424	3,696	13,094	16,286	1,830	3,508	3,608	4,172		
Puerto Rico	6,066	8,958	9,251	10,158	17,556	20,689	834	1,509	1,794	1,922		
Virgin Islands	117	148	173	(³)	281	(³)	680	(³)	1,487	(³)		

¹ Includes other non-supervisory instructional staff; excludes supervisors and principals except when not reported separately. ² Includes salaries of administrators. ³ Excludes vocational schools.

⁴ Includes expenditures of community colleges. ⁵ For 1938.

⁶ Includes expenditures for summer schools, junior colleges, and adult education.

⁷ Represents weighted average of median salaries of total instructional staff in elementary and secondary schools.

⁸ Excludes Federal schools for natives. ⁹ Not available.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems.

No. 146.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—EXPENDITURES, BY STATES AND OTHER AREAS: 1954

(In thousands of dollars, except averages per pupil)

STATE OR OTHER AREA	Total ¹	CURRENT EXPENDITURE FOR FULL-TIME DAY SCHOOLS		Capital outlay	Interest	Adult educa- tion	Com- munity serv- ices ³	Com- munity col- leges ⁴	
		Chargeable to pupils							
		Amount	Per pupil ²						
Continental U. S.....	9,092,449	6,789,463	\$264.76	1,460	2,055,178	153,884	42,033	25,378	23,363
New England.....	460,195	372,618	279.53		80,447	3,344	2,936	685	87
Maine.....	36,299	30,872	199.33		5,045	331	51		
New Hampshire.....	21,976	19,025	256.38		2,335	201	76	339	
Vermont.....	17,033	14,542	245.81		2,279	170	38	2	
Massachusetts.....	231,916	189,814	268.39		39,314		2,285	341	87
Rhode Island.....	28,386	25,608	268.05		2,699		73	3	
Connecticut.....	124,585	92,755	266.80		28,775	2,642	413		
Middle Atlantic.....	1,923,541	1,403,441	334.23		463,000	40,406	7,540	8,812	159
New York.....	1,109,856	709,174	361.99		357,906	27,973	6,867	7,936	
New Jersey.....	297,643	233,639	333.31		56,386	6,503	673		159
Pennsylvania.....	516,142	460,628	290.31		48,708	5,930		876	
E. North Central.....	1,863,612	1,386,478	284.46	126	420,632	32,407	14,702	2,660	5,805
Ohio.....	474,656	338,214	253.88		123,447	10,927	1,270	521	
Indiana.....	225,379	192,114	279.57		29,776	1,959	1,005		
Illinois.....	520,819	383,164	318.81		125,636	12,019			
Michigan.....	455,395	325,371	282.82	126	118,336	6,176	2,704	1,877	5,805
Wisconsin.....	187,363	147,615	269.39		28,437	1,326	9,723	262	
W. North Central.....	794,857	624,264	263.18		153,297	11,958	2,139	910	2,289
Minnesota.....	205,546	143,829	286.59		54,917	3,944	1,214	910	732
Iowa.....	162,907	127,059	273.91		33,497	1,768			583
Missouri.....	183,325	139,481	232.79		41,467	2,377			
North Dakota.....	31,891	28,624	262.40		2,652	315			
South Dakota.....	36,937	31,930	274.91		4,660	327	20		
Nebraska.....	67,734	59,027	262.45		7,227	575	905		
Kansas.....	106,517	94,014	263.79		8,877	2,652			974
South Atlantic.....	1,143,894	827,394	200.14		294,732	13,533	6,998	410	437
Delaware.....	25,450	16,597	325.42		8,593	239	16	5	
Maryland.....	158,622	103,849	268.47		49,317	4,201	701	60	437
Dist. of Columbia.....	31,317	27,735	302.10		2,991		473	17	
Virginia.....	184,114	118,701	192.56		62,001	1,971	1,299		
West Virginia.....	96,782	76,244	186.09		19,372	55	283	328	
North Carolina.....	201,426	154,700	178.97		41,118	3,132	2,476		
South Carolina.....	132,921	80,527	176.34		52,184	128	82		
Georgia.....	147,177	125,198	177.41		20,232	1,181	566		
Florida.....	155,995	123,645	228.74		38,424	2,626	1,102		
E. South Central.....	384,731	333,073	150.10		42,372	2,453	3,901	15	2,917
Kentucky.....	54,896	78,332	153.17		5,474	1,090			
Tennessee.....	129,682	106,402	166.36		21,375	698	1,207		
Alabama.....	103,234	92,895	150.88		9,965	665	2,694	15	
Mississippi.....	63,919	55,444	122.60		5,658				2,917
W. South Central.....	796,566	613,460	229.93	245	149,417	21,125	3,221	116	8,738
Arkansas.....	66,544	49,698	139.19		13,584	1,718	1,644		
Louisiana.....	161,662	120,523	246.05		35,821	4,230	1,088		
Oklahoma.....	120,547	96,937	223.87	32	21,694	1,822			162
Texas.....	447,813	346,402	249.22	213	78,418	13,355	489	116	8,576
Mountain.....	380,405	280,334	269.55	1,090	89,827	7,066	596	551	860
Montana.....	42,892	34,989	327.99		6,649	1,023	166		65
Idaho.....	37,227	29,226	237.81		7,457	541			
Wyoming.....	21,723	18,434	329.86		2,714	353	222		
Colorado.....	96,943	68,120	279.76	1,090	24,746	2,594		303	
New Mexico.....	48,904	38,367	264.71		10,000	537			
Arizona.....	66,745	45,990	281.63		18,800	1,160			705
Utah.....	49,579	34,723	208.18		13,908	535	174	158	
Nevada.....	16,392	10,482	204.12		5,553	323	34		
Pacific.....	1,344,738	948,403	338.23		361,453	21,592		11,220	2,070
Washington.....	178,250	129,610	305.42		44,934	1,636			2,070
Oregon.....	127,311	91,236	336.72		33,884	2,191			
California.....	1,039,177	727,557	344.90		282,635	17,765		11,220	
Alaska.....	9,396	8,409	411.46		987				
Canal Zone.....	3,457	2,370	233.63		897		5	84	101
Guam.....	2,168	1,685	172.10		390		29	9	55
Hawaii.....	25,571	23,313	225.92		2,007		244	7	
Puerto Rico.....	41,843	37,796	83.72		1,432		674	1,804	

¹ Includes \$1,690,000 expended for summer schools, not shown separately.

² Annual expenditure per pupil in average daily attendance.

³ Includes public libraries operated by school districts, nonpublic schools where authorized by law, community centers, and recreational activities. ⁴ Under jurisdiction of local school districts.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1952-54*, Chapter 2, Statistics of State School Systems.

No. 147.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, WHITE AND NEGRO, FOR 18 STATES: 1950, 1952, AND 1954

STATE	ENROLLMENT IN—						AVERAGE DAYS ATTENDANCE PER PUPIL ENROLLED, 1954	
	White schools			Negro schools			White	Negro
	1950	1952	1954	1950	1952	1954		
Total, 18 States.....	7,424,114	7,889,787	8,401,389	2,396,946	2,472,833	2,581,546	156.7	150.6
Alabama.....	437,779	439,901	460,507	242,287	239,373	243,140	155.2	151.6
Arkansas.....	305,287	316,445	315,111	101,797	100,101	99,844	150.2	143.5
Delaware.....	37,835	41,578	47,237	8,220	8,765	9,968	158.2	159.7
District of Columbia.....	50,573	50,174	49,106	45,750	51,600	60,029	144.0	152.3
Florida.....	333,454	411,179	487,698	116,382	127,531	140,779	153.8	159.6
Georgia.....	467,370	496,363	533,508	250,667	255,870	274,123	163.2	145.8
Kentucky.....	525,759	532,226	553,051	37,124	36,404	38,517	148.5	153.7
Louisiana.....	299,766	316,122	343,914	183,597	198,257	208,577	161.5	154.1
Maryland.....	261,417	302,016	338,308	73,601	80,715	89,984	164.5	159.9
Mississippi.....	263,643	267,565	263,478	263,797	268,348	263,930	153.6	132.3
Missouri.....	588,141	611,086	637,705	56,316	61,997	65,962	156.4	157.9
North Carolina.....	617,638	641,081	683,284	267,095	273,188	284,782	164.1	158.8
Oklahoma.....	403,570	473,374	446,989	37,693	36,902	36,111	159.3	159.6
South Carolina.....	272,305	284,541	304,908	221,880	227,658	234,529	157.5	145.0
Tennessee.....	552,858	555,892	598,247	106,527	110,780	118,048	155.7	158.9
Texas.....	1,152,914	1,249,156	1,388,828	201,253	206,592	215,465	162.9	146.9
Virginia.....	440,807	476,499	523,165	157,066	162,268	172,112	160.2	157.9
West Virginia.....	412,998	414,589	426,345	25,600	25,978	25,646	156.5	161.0

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems.

No. 148.—PRIVATE ELEMENTARY AND SECONDARY SCHOOLS—INSTRUCTIONAL STAFF AND ENROLLMENT, BY STATES: 1954

[Includes data for kindergartens. Excludes data for private residential schools for exceptional children and private vocational and trade schools. Estimated on basis of earlier surveys]

STATE	In- structional staff	NUMBER OF PUPILS			STATE	In- structional staff	NUMBER OF PUPILS		
		Total	Elemen- tary	Second- ary			Total	Elemen- tary	Second- ary
U. S.....	134,074	4,339,163	3,591,840	747,323	Montana.....	533	14,919	11,626	3,293
Alabama.....	771	21,493	16,807	4,686	Nebraska.....	1,330	33,930	27,234	6,696
Arizona.....	495	16,149	11,715	4,434	Nevada.....	32	2,524	1,573	951
Arkansas.....	339	8,534	6,552	1,982	N. Hampshire.....	1,243	28,532	22,259	6,273
California.....	7,354	221,684	182,282	39,402	New Jersey.....	6,175	224,602	192,537	32,065
Colorado.....	989	27,243	21,769	5,474	New Mexico.....	734	22,981	20,020*	2,961
Connecticut.....	3,358	76,514	57,866	18,648	New York.....	19,107	762,291	660,753	101,538
Delaware.....	488	13,600	11,675	1,925	North Carolina.....	689	11,963	9,952	2,011
Dist. of Col.....	834	21,303	15,493	5,810	North Dakota.....	550	13,991	11,337	2,654
Florida.....	1,643	32,454	25,440	7,014	Ohio.....	7,603	271,266	220,147	45,119
Georgia.....	664	13,905	9,057	4,848	Oklahoma.....	565	14,406	11,381	3,025
Idaho.....	149	5,015	4,265	750	Oregon.....	806	22,101	17,635	4,466
Illinois.....	10,982	382,393	321,788	60,605	Pennsylvania.....	12,455	430,407	355,029	75,378
Indiana.....	2,459	98,529	85,054	13,475	Rhode Island.....	1,449	45,698	36,136	9,552
Iowa.....	3,133	65,137	52,282	12,855	South Carolina.....	389	7,432	5,837	1,595
Kansas.....	1,215	38,198	32,758	5,440	South Dakota.....	625	14,576	12,374	2,202
Kentucky.....	2,042	60,111	45,152	14,959	Tennessee.....	905	21,595	14,023	7,572
Louisiana.....	3,314	107,941	89,459	18,482	Texas.....	3,495	100,067	87,351	12,685
Maine.....	1,572	31,333	20,716	10,617	Utah.....	154	2,813	2,186	627
Maryland.....	2,304	87,119	73,460	13,659	Vermont.....	588	14,150	10,049	4,101
Massachusetts.....	7,948	212,837	174,049	38,788	Virginia.....	1,569	33,576	25,337	8,239
Michigan.....	6,025	228,992	181,714	47,278	Washington.....	1,333	41,503	27,679	13,827
Minnesota.....	3,403	108,919	92,541	16,378	West Virginia.....	474	12,211	9,544	2,667
Mississippi.....	937	16,238	10,320	5,918	Wisconsin.....	5,005	175,775	153,058	22,717
Missouri.....	3,740	117,272	95,816	21,456	Wyoming.....	83	2,948	2,723	225

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1952-54*, Chapter 2, Statistics of State School Systems.

NO. 149.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY GRADE: 1940 TO 1954

SCHOOL AND GRADE	1940	1944	1946	1948	1950	1952	1954
Pupils enrolled.....	25,433,542	23,266,616	23,299,941	23,944,532	25,111,427	26,562,663	28,836,052
Kindergarten and grades 1 to 8.....	18,832,098	17,713,096	17,677,744	18,291,227	19,386,806	20,680,866	22,545,807
Kindergarten.....	594,647	697,468	772,957	988,680	1,034,203	1,272,126	1,474,007
First.....	3,018,463	2,878,943	2,894,588	2,951,300	3,170,343	2,957,485	3,066,466
Second.....	2,333,076	2,220,739	2,318,502	2,363,477	2,644,707	2,670,162	2,940,285
Third.....	2,331,559	2,162,878	2,190,617	2,258,858	2,395,904	2,717,947	2,569,243
Fourth.....	2,321,887	2,079,788	2,094,352	2,183,171	2,254,028	2,559,115	2,565,345
Fifth.....	2,247,692	2,016,635	2,006,120	2,055,115	2,150,678	2,320,132	2,806,983
Sixth.....	2,176,133	1,967,836	1,910,028	1,939,500	2,055,741	2,165,741	2,449,174
Seventh.....	2,107,667	1,864,997	1,836,897	1,897,740	1,947,227	2,082,533	2,242,116
Eighth.....	1,700,994	1,693,942	1,653,683	1,653,386	1,733,975	1,935,625	2,032,188
Grades 9 to 12 and post-graduates.....	6,601,444	5,553,520	5,622,197	5,653,305	5,724,621	5,881,797	6,290,245
Ninth year.....	2,011,341	1,774,593	1,728,499	1,672,920	1,760,740	1,819,732	1,944,357
Tenth year.....	1,767,812	1,519,638	1,555,302	1,502,743	1,513,086	1,582,142	1,716,758
Eleventh year.....	1,485,603	1,236,168	1,255,907	1,271,645	1,275,295	1,337,930	1,411,722
Twelfth year.....	1,281,735	1,006,611	1,032,420	1,130,805	1,133,673	1,110,638	1,190,138
Postgraduate.....	55,453	19,610	50,069	75,192	41,827	31,355	27,270

NO. 150.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—EXPENDITURE PER PUPIL, BY PURPOSE: 1930 TO 1954

PURPOSE OF EXPENDITURE	1930		1940		1950		1954	
	Per pupil ¹	Percent	Per pupil ¹	Percent	Per pupil ¹	Percent	Per pupil ¹	Percent
Total current expenditure.....	\$86.70	100.0	\$88.09	100.0	\$208.83	100.0	\$264.76	100.0
Administration (general control).....	3.70	4.3	4.15	4.7	9.88	4.7	12.13	4.6
Instruction.....	61.97	71.5	63.66	72.3	139.67	66.9	177.52	67.0
Salaries ²	58.80	67.9	59.63	67.7	131.35	62.9	166.61	62.9
Textbooks and supplies.....	3.17	3.6	4.03	4.6	8.32	4.0	10.92	4.1
Operation.....	10.16	11.7	8.82	10.0	19.19	9.2	24.28	9.2
Maintenance.....	3.71	4.3	3.33	3.8	9.61	4.6	11.11	4.2
Fixed charges.....	2.36	2.7	2.27	2.6	11.70	5.6	17.94	6.5
Other school services ³	4.80	5.5	5.86	6.6	18.78	9.0	22.38	8.5
Capital outlay.....	17.44	—	11.70	—	45.51	—	80.14	—
Interest.....	4.35	—	6.94	—	4.51	—	6.00	—

¹ Annual expenditure per pupil in average daily attendance.

² Salaries of instructional staff and clerical assistants.

³ Prior to 1954 designated as "Auxiliary services"; beginning 1950 excludes community services.

Source of tables 149 and 150: Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems.

NO. 151.—HIGH-SCHOOL AND COLLEGE GRADUATES—NUMBER, BY SEX: 1890 TO 1954

[Data cover graduates of both public and private institutions. See also table 161]

YEAR OF GRADUATION	HIGH SCHOOL			COLLEGE ¹		
	Total	Male	Female	Total	Male	Female
1890.....	43,731	18,549	25,182	15,539	12,857	2,682
1900.....	94,883	38,075	56,808	27,410	22,173	5,237
1910.....	156,429	63,676	92,753	37,199	28,762	8,437
1920.....	311,266	123,684	187,582	48,622	31,980	16,642
1930.....	666,904	300,378	366,526	122,484	73,615	48,869
1940.....	1,221,475	578,718	642,757	186,500	109,546	76,954
1950.....	1,199,700	570,700	629,000	432,058	328,841	103,217
1952.....	1,196,500	569,200	627,300	329,986	225,981	104,005
1954.....	1,276,100	612,500	663,600	290,825	180,528	104,297

¹ Bachelor's or first professional degree.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

No. 152.—SCHOOL AND COLLEGE ENROLLMENT AND EXPENDITURES: 1910 TO 1954

ITEM	1910	1920	1930	1940	1950	1954
ENROLLMENT						
Total ¹	19,999,148	24,061,778	29,652,377	29,751,203	31,319,271	35,911,050
Kindergarten	346,189	510,949	786,463	660,909	1,175,312	1,809,445
Public ²	³ 293,970	481,266	723,443	594,647	1,034,203	1,474,007
Nonpublic ²	³ 52,219	29,683	54,456	57,341	⁴ 133,000	⁴ 317,000
Subcollegiate departments of institutions of higher education	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	4,869
Residential schools for exceptional children ⁶	(⁵)	(⁵)	⁷ 5,164	5,777	⁸ 4,459	9,300
Federal schools for Indians	(⁵)	(⁵)	3,400	3,144	3,650	3,869
Federal schools on Federal installations	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	400
Grades 1 to 8	18,182,346	20,452,773	22,953,377	20,466,112	21,031,929	24,477,920
Public ²	16,604,821	18,897,661	20,555,150	18,237,451	18,352,603	21,071,800
Nonpublic ²	1,506,218	1,456,878	2,255,430	2,095,938	2,574,777	3,274,840
Subcollegiate departments of institutions of high education	(⁵)	(⁵)	(⁵)	59,547	35,682	47,532
Residential schools for exceptional children	71,307	⁹ 99,234	⁷ 124,153	55,954	⁸ 48,894	56,000
Federal schools for Indians	(⁵)	(⁵)	18,644	17,222	19,973	19,948
Federal schools on Federal installations	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	7,800
Grades 9 to 12 and postgraduate	1,115,398	2,500,176	4,811,800	7,129,979	6,453,009	7,108,973
Public high schools ¹	915,061	2,200,389	4,399,422	6,601,444	5,724,621	6,280,245
Nonpublic high schools ²	117,400	213,920	341,158	457,768	672,362	747,323
Subcollegiate departments of institutions of higher education	78,932	81,367	59,287	54,070	38,102	49,467
Residential schools for exceptional children	4,005	⁹ 4,500	⁷ 4,388	9,727	⁸ 9,784	12,600
Federal schools for Indians	(⁵)	(⁵)	7,545	6,970	8,080	8,748
Federal schools on Federal installations	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	600
Higher education ¹	355,215	597,880	1,100,737	1,494,203	2,659,021	2,514,712
Publicly controlled	166,560	315,382	532,647	796,531	1,354,902	1,356,481
Privately controlled	188,655	282,498	568,090	697,672	1,304,119	1,158,231
EXPENDITURES (\$1,000)¹⁰						
Elementary and secondary schools:						
Public ¹	426,250	1,036,151	2,316,790	2,344,049	5,837,643	9,092,449
Nonpublic ¹	53,542	(⁵)	233,277	227,000	782,967	1,354,079
Institutions of higher education:						
Public ¹	91,896	115,597	253,909	332,592	¹² 1,174,125	¹² 1,616,463
Nonpublic ¹		100,769	343,340	¹² 273,163	¹² 949,150	¹² 1,185,687

¹ Excludes schools of nursing not affiliated with institutions of higher education.² Excludes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools.³ 1912 data. ⁴ U. S. Bureau of the Census, *Current Population Reports*, Series P-20. ⁵ Not available.⁶ Schools for the blind, deaf, mentally deficient, epileptics, and delinquents.⁷ 1927 data. ⁸ 1946 data. ⁹ 1918 data. ¹⁰ Includes capital outlay.¹¹ Expenditures for all departments, including preparatory.¹² Excludes expenditures for auxiliary enterprises and activities, scholarships, fellowships, prizes and other noneducational current expenditures included in prior years, amounting to \$59,034,000 for public institutions and \$93,665,000 for private institutions for 1940; \$255,474,000 and \$283,743,000 for 1950; and \$295,288,000 and \$316,281,000 for 1954.

No. 153.—JUNIOR COLLEGES—NUMBER AND ENROLLMENT: 1920 TO 1955

YEAR	ALL SCHOOLS REPORTING		PUBLICLY CONTROLLED		PRIVATELY CONTROLLED	
	Number	Enrollment	Number	Enrollment	Number	Enrollment
1920	52	8,102	10	2,940	42	5,162
1930	277	55,616	129	36,501	148	19,115
1940	456	149,854	217	107,553	239	42,301
1942	461	141,272	231	100,783	230	40,489
1944	413	89,208	210	60,884	203	28,324
1946	464	156,456	242	109,640	222	46,816
1948	472	240,173	242	178,196	230	61,977
1950	483	242,740	256	187,695	227	55,045
1952 ¹	480	229,991	265	182,870	215	47,121
1954 ¹	495	324,696	270	270,928	225	53,768
1955, November ¹	481	335,894	268	280,889	213	55,005

¹ Excludes public junior colleges (designated as normal schools or teachers colleges) as follows: 1952, 26 colleges, enrollment 1,184; 1954, 23 colleges, enrollment 1,108; 1955, 22 colleges, enrollment 1,314.Source of tables 152 and 153: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

No. 154.—INSTITUTIONS OF HIGHER EDUCATION—FACULTY AND ENROLLMENT, BY SEX, AND INCOME AND EXPENDITURES: 1940 to 1954

[All money figures in thousands of dollars. Data cover universities, colleges, professional schools, junior colleges, teachers' colleges, and normal schools, both publicly and privately controlled, regular session. For student enrollment and total expenditures for earlier years, see table 152]

ITEM	1940	1946 ¹	1948 ¹	1950 ¹	1952 ¹	1954 ¹
Number of institutions reporting staff, enrollment, and degrees conferred.....	1,708	1,768	1,788	1,851	1,832	1,863
Faculty².....	131,552	136,032	196,300	210,349	198,477	265,911
Male.....	94,536	93,876	143,243	157,691	150,041	204,871
Female.....	37,016	42,156	53,057	52,658	48,436	61,040
Resident college enrollment.....	1,494,203	1,676,881	2,616,262	2,659,021	2,301,884	2,514,712
Male.....	803,250	927,662	1,836,339	1,853,068	1,510,650	1,613,466
Female.....	600,953	749,189	779,923	805,953	791,234	901,246
Number of institutions reporting income and expenditures.....	1,609	1,768	1,788	1,851	1,832	1,863
Current income.....	715,211	1,169,394	2,027,052	2,374,645	2,562,461	2,945,550
Educational and general income.....	571,288	924,958	1,538,076	1,833,845	2,020,878	2,338,660
Student fees.....	200,897	214,344	304,601	394,610	446,591	551,424
Endowment earnings.....	71,304	89,703	86,080	96,341	112,859	127,475
Federal Government.....	38,860	197,250	526,476	524,319	451,011	417,007
State governments.....	151,222	225,161	352,281	491,636	611,302	740,042
Local governments.....	24,392	31,005	47,621	61,700	72,013	88,198
Private gifts and grants.....	40,453	77,572	91,468	118,627	149,826	190,899
Organized activities related to instructional departments.....	32,777	67,084	92,725	111,987	136,442	164,880
Miscellaneous.....	11,383	22,779	36,324	34,625	40,835	58,553
Auxiliary enterprises and activities.....	143,923	244,436	465,155	511,265	509,545	574,770
Other noneducational income ³			23,821	29,635	32,027	32,212
Receipts for plant expansion.....	66,209	121,837	364,901	528,747	355,614	468,667
Receipts for increase of funds and other nonexpendable funds.....	44,518	(4)	\$ 75,881	116,932	164,308	106,483
Current expenditures.....	674,689	1,088,422	1,883,269	2,245,661	2,471,008	2,882,864
Educational and general.....	521,990	820,326	1,391,594	1,706,444	1,921,209	2,271,296
Administration and general expense.....	62,827	104,508	171,829	213,070	233,844	288,147
Resident instruction.....	280,248	375,122	657,945	780,994	823,117	960,555
Organized research.....	27,266	86,812	159,060	225,341	317,927	372,643
Libraries.....	19,487	26,560	44,208	56,147	60,612	72,944
Plant operation and maintenance.....	69,612	110,947	201,996	225,110	240,446	277,874
Organized activities related to instruction.....	27,225	60,604	85,346	119,108	147,854	186,905
Extension.....	35,325	55,473	71,180	86,674	97,408	112,227
Auxiliary enterprises and activities.....	124,184	242,028	438,988	476,401	477,672	537,532
Other noneducational expenditures.....	23,514	26,068	52,687	62,816	72,127	74,035
Expenditures for plant expansion.....	83,765	71,403	306,371	416,831	403,317	530,804

¹ Includes estimates for institutions not reporting.

² Includes administrative officers, extension service, correspondence courses, and organized research in addition to regular staff. Prior to 1954 represents "Staff reduced to full-time basis." For 1954, total number of different persons (not reduced to full-time basis); data as of November 1953.

³ Not reported separately prior to 1948. ⁴ Not available.

⁵ Represents receipts from private gifts and grants only; other sources of permanent funds comparatively minor.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

No. 155.—INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT, BY TYPE OF INSTITUTION AND BY SEX: 1956 and 1957

[Enrollment in thousands. Opening (fall) enrollment of degree-credit students. Includes estimates. Includes data for Territories and possessions]

TYPE OF INSTITUTION	1956				1957			
	Total	Male	Female	First time students enrolled	Total	Male	Female	First time students enrolled
All institutions¹.....	2,947	1,928	1,019	723	3,068	2,003	1,065	730
Universities.....	1,346	963	383	250	1,373	984	390	242
Liberal arts colleges.....	777	434	342	200	827	463	364	205
Independent professional schools:								
Teachers colleges.....	278	133	145	72	295	141	153	75
Technological schools.....	95	89	5	21	98	92	6	20
Theological schools.....	35	29	6	5	36	29	6	5
Other.....	68	54	14	13	71	56	14	14
Junior colleges.....	348	226	122	163	370	238	132	168

¹ Excludes enrollment in 35 two-year institutions devoted wholly or principally to the training of technicians or other semiprofessional personnel.

Source: Department of Health, Education, and Welfare, Office of Education; *Opening Enrollment in Higher Educational Institutions, Fall*.

**No. 156.—RETENTION RATE PER 1,000 STUDENTS OF THOSE ATTENDING SCHOOL
FROM FIFTH GRADE THROUGH COLLEGE**

GRADE OR YEAR	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Elementary: Fifth ¹	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Sixth.....	953	946	954	954	955	963	968	952	954	972	952	959	954
Seventh.....	892	889	895	901	908	916	910	905	909	914	929	944	945
Eighth.....	842	839	849	850	853	846	836	834	847	870	858	875	919
High school: I.....	803	814	839	811	796	781	781	789	807	827	848	872	872
II.....	711	725	704	679	655	673	697	698	713	745	748	766	775
III.....	610	587	554	519	532	552	566	581	604	630	650	662	641
IV.....	512	465	425	428	444	476	507	514	539	557	549	552	583
Graduates.....	467	439	393	398	419	450	481	488	505	524	522	524	553
Year of graduation.....	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954
College: I.....	129	119	121	(2)	(2)	(2)	(2)	(2)	205	218	234	266	283
Graduates.....	51	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Year of graduation.....	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958

¹ Fourth grade in 11-grade system; fifth grade in 12-grade system.

² Lack of detailed information regarding veteran students makes impossible the calculation of retention rates.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, Chapter I, Statistical Summary of Education.

**No. 157.—INSTITUTIONS OF HIGHER EDUCATION—FACULTY, STUDENTS, AND
EARNED DEGREES CONFERRED IN NEGRO INSTITUTIONS: 1950, 1954, AND 1956**

ITEM	1950	1954	Total	1956				
				Universities, colleges, and professional schools		Teachers colleges ¹	Junior colleges ²	
				Publicly controlled	Privately controlled		Publicly controlled	Privately controlled
Number of institutions.....	105	106	98	21	53	12	4	8
Faculty ³	6,933	7,302	7,724	3,360	3,379	744	81	160
Male.....	4,151	4,495	4,726	2,030	2,152	406	34	84
Female.....	2,782	2,807	2,998	1,310	1,227	338	47	76
RESIDENT COLLEGE STUDENTS								
Regular session:								
Total.....	76,561	75,146	74,761	33,186	29,867	10,144	642	922
Male.....	40,677	31,712	33,915	16,200	13,864	3,111	355	385
Female.....	35,884	43,434	40,846	16,986	16,003	7,033	287	537
Graduate.....	2,304	3,207	2,879	1,585	830	464	-----	-----
Male.....	1,161	1,351	1,105	588	414	103	-----	-----
Female.....	1,143	1,856	1,774	997	416	361	-----	-----
First time in any college.....	21,368	22,563	21,970	10,066	8,092	2,917	344	551
Male.....	10,613	10,060	10,344	5,192	3,742	987	172	251
Female.....	10,755	12,503	11,626	4,874	4,350	1,930	172	300
EARNED DEGREES CONFERRED								
Bachelor's and first professional.....	13,108	11,963	12,084	4,896	5,120	2,068	-----	-----
Male.....	6,467	3,818	4,323	1,935	1,958	430	-----	-----
Female.....	6,641	8,085	7,761	2,961	3,162	1,638	-----	-----
Master's and second professional.....	768	1,306	1,378	950	337	91	-----	-----
Male.....	335	540	537	355	151	31	-----	-----
Female.....	433	766	841	595	186	60	-----	-----
OTHER TYPES OF STUDENTS ⁴								
Extension courses.....	-----	4,563	4,596	2,730	1,399	448	-----	19
Correspondence courses.....	-----	-----	183	183	-----	-----	-----	-----
Adult education.....	-----	-----	329	278	-----	-----	51	-----
Terminal occupational education.....	-----	-----	844	656	51	129	-----	8
Short-course enrollments.....	-----	638	441	101	315	-----	-----	25

¹ All publicly controlled.

² Includes community colleges, technical institutes, normal schools, and other higher educational institutions restricted to less than 4 years of work on the undergraduate or terminal-occupational level.

³ Total number of different persons (not reduced to full-time basis). Includes administrative officers, extension service, correspondence courses, and organized research in addition to regular staff.

⁴ 1956 data as of November 1955.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of Higher Education.

No. 158.—INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT OF TOTAL AND OF FIRST-TIME STUDENTS, BY SEX, BY STATES AND OTHER AREAS: 1957

[Opening (fall) enrollment of degree-credit students. Includes estimates]

STATE OR OTHER AREA	TOTAL ENROLLMENT			FIRST-TIME STUDENTS		
	Total	Male	Female	Total	Male	Female
Continental U. S.	3,036,938	1,985,088	1,051,850	721,547	440,613	280,934
New England.	205,194	137,211	67,983	51,360	33,225	18,135
Maine	10,920	6,808	4,112	3,044	2,011	1,033
New Hampshire	10,704	7,225	3,479	2,454	1,546	908
Vermont	7,844	4,683	3,161	2,524	1,374	1,150
Massachusetts	119,548	80,324	39,224	30,906	20,091	10,815
Rhode Island	15,584	9,990	5,594	3,786	2,500	1,286
Connecticut	40,694	28,181	12,413	8,646	5,703	2,943
Middle Atlantic.	549,542	365,280	184,262	102,309	63,450	38,859
New York	313,851	201,612	112,339	50,556	30,234	20,322
New Jersey	67,852	46,789	21,063	14,138	8,924	5,214
Pennsylvania	167,839	116,979	60,860	37,615	24,292	13,323
East North Central.	593,456	383,437	210,019	133,775	81,140	52,635
Ohio	147,906	95,725	52,181	33,749	20,514	13,235
Indiana	79,613	53,966	25,647	19,750	12,458	7,292
Illinois	166,240	107,644	58,596	36,119	22,032	14,087
Michigan	137,504	88,185	49,319	20,284	17,859	11,395
Wisconsin	62,193	37,917	24,276	14,873	8,247	6,626
West North Central.	288,376	184,443	103,933	73,073	42,501	30,572
Minnesota	67,696	41,878	25,818	14,674	8,219	6,455
Iowa	49,854	31,045	18,809	13,018	7,401	5,617
Missouri	73,683	48,367	25,316	17,380	10,007	7,373
North Dakota	11,156	7,647	3,509	3,504	2,066	1,438
South Dakota	13,788	8,862	4,926	4,078	2,435	1,643
Nebraska	27,106	17,078	10,028	7,443	4,378	3,065
Kansas	45,093	29,566	15,527	12,976	7,995	4,981
South Atlantic.	349,047	223,615	125,432	82,251	47,835	34,416
Delaware	6,101	4,153	1,948	1,144	694	450
Maryland	44,200	30,443	13,757	9,029	5,605	3,424
District of Columbia	38,327	25,610	12,717	5,806	3,498	2,308
Virginia	48,865	28,269	20,590	11,276	5,466	5,810
West Virginia	25,885	16,210	9,675	6,095	4,374	2,621
North Carolina	58,669	36,827	21,842	10,650	6,656	6,994
South Carolina	27,915	17,485	10,430	7,113	4,288	2,825
Georgia	45,645	30,297	15,348	10,835	6,213	4,622
Florida	53,440	34,321	19,119	13,403	8,041	5,362
East South Central.	163,007	102,271	60,736	42,768	25,580	17,188
Kentucky	39,472	23,730	15,742	9,522	5,491	4,031
Tennessee	54,030	34,472	19,558	14,293	8,714	5,579
Alabama	41,534	26,761	14,773	10,290	6,384	3,906
Mississippi	27,971	17,308	10,663	8,663	4,991	3,672
West South Central.	287,534	193,407	94,127	73,363	46,003	27,360
Arkansas	21,257	13,665	7,592	6,176	3,916	2,260
Louisiana	48,492	30,197	18,265	11,467	6,782	4,685
Oklahoma	51,205	36,253	14,952	13,907	9,590	4,317
Texas	166,610	113,292	53,318	41,813	25,715	16,098
Mountain.	135,394	90,982	44,412	35,732	22,034	13,698
Montana	10,354	6,895	3,459	2,935	1,793	1,142
Idaho	10,197	6,748	3,449	3,230	2,073	1,157
Wyoming	5,527	3,707	1,820	1,746	1,055	691
Colorado	39,785	25,671	14,114	8,885	5,151	3,734
New Mexico	14,435	10,624	5,811	3,230	2,220	1,010
Arizona	24,844	16,449	8,395	7,583	4,977	2,606
Utah	27,900	19,343	8,557	7,374	4,297	3,077
Nevada	2,352	1,545	807	749	468	281
Pacific.	455,479	294,542	160,937	124,926	76,855	48,071
Washington	51,032	33,863	17,169	13,066	7,853	5,213
Oregon	36,121	22,489	13,632	9,605	6,115	3,490
California	368,326	238,190	130,136	102,255	62,887	39,368
U. S. Service Academies	9,909	9,900	9	1,990	1,990	-----
Alaska	2,770	1,700	1,070	653	333	320
Canal Zone	280	144	136	146	72	74
Guam	521	282	239	286	155	131
Hawaii	7,665	4,623	3,042	1,679	1,023	656
Puerto Rico	20,243	11,587	8,656	5,414	3,128	2,286

Source: Department of Health, Education, and Welfare, Office of Education; *Opening Enrollment in Higher Educational Institutions, Fall, 1957.*

No. 159.—INSTITUTIONS OF HIGHER EDUCATION—NUMBER, FACULTY, AND ENROLLMENT, BY STATES AND OTHER AREAS: 1956

[See headnote, table 154]

STATE OR OTHER AREA	Number of institutions	FACULTY ¹		RESIDENT ENROLLMENT (degree credit) ²			Veterans enrolled in degree-credit courses (3)	EARNED DEGREES CONFERRED		
		Male	Female	Total		First-time students		Bachelor's and 1st professional	2nd level (master's except 1st professional)	Doctorates
				Male	Female					
Continental U. S.	1,850	230,342	68,568	1,748,198	889,047	702,012	455,211	308,812	59,258	8,903
New England	152	19,420	5,311	121,275	56,118	47,978	26,956	25,611	5,161	911
Maine	17	785	276	5,494	2,698	2,637	1,199	1,568	148	—
New Hampshire	8	884	248	6,329	2,684	2,620	1,094	1,594	85	—
Vermont	14	843	335	4,319	2,953	2,337	663	1,264	172	3
Massachusetts	74	11,509	2,826	71,266	33,232	27,493	16,504	15,021	3,548	642
Rhode Island	11	1,283	425	8,078	3,668	3,831	2,034	1,693	131	34
Connecticut	28	4,116	1,201	25,789	10,883	9,060	5,462	4,471	1,077	232
Middle Atlantic	298	46,010	11,498	353,303	163,265	110,125	85,374	60,254	14,257	2,063
New York	144	27,464	7,067	207,248	103,953	60,132	48,238	34,170	9,763	1,362
New Jersey	38	4,434	1,034	39,523	16,048	13,044	11,080	6,050	1,157	184
Pennsylvania	116	14,112	3,397	106,532	43,264	36,949	26,056	20,034	3,337	517
East North Central	318	45,546	13,096	341,374	176,900	133,969	82,373	60,094	11,669	2,319
Ohio	61	10,982	2,897	86,585	43,619	35,483	21,288	15,093	2,080	333
Indiana	40	6,505	1,585	48,184	22,462	21,253	11,443	9,456	2,137	471
Illinois	100	14,837	4,394	97,450	51,690	35,217	22,621	16,077	3,402	728
Michigan	54	7,348	2,174	75,289	39,327	26,115	17,878	12,696	3,022	433
Wisconsin	63	5,874	2,046	33,866	19,802	15,901	9,143	6,677	1,028	354
West North Central	236	21,632	7,894	155,714	84,550	72,478	43,439	29,665	4,253	815
Minnesota	42	3,920	1,826	31,604	18,699	14,293	9,686	6,708	907	230
Iowa	50	4,148	1,451	27,671	15,879	13,352	6,958	5,368	913	284
Missouri	51	5,854	1,558	43,271	21,863	18,897	12,134	7,413	953	166
North Dakota	12	826	305	6,192	3,062	3,323	2,016	1,109	166	8
South Dakota	15	852	324	6,779	3,557	3,678	2,135	1,286	188	—
Nebraska	22	2,377	826	15,185	8,482	6,793	4,096	3,070	374	50
Kansas	44	3,055	1,304	25,012	13,508	12,142	6,414	4,711	752	77
South Atlantic	277	28,369	9,579	194,700	108,712	81,742	54,233	37,634	5,668	783
Delaware	4	525	114	2,603	1,590	1,127	713	390	157	24
Maryland	32	4,750	1,240	27,706	12,417	8,916	6,437	4,167	615	160
District of Columbia	24	3,891	914	25,091	11,941	5,396	6,864	3,539	1,020	165
Virginia	40	3,519	1,491	22,478	15,873	11,047	4,876	5,066	458	59
West Virginia	20	1,295	562	13,981	8,439	7,004	4,499	2,709	437	9
North Carolina	55	4,423	1,985	31,433	19,002	15,707	8,998	7,262	1,144	204
South Carolina	30	1,898	817	15,224	8,780	7,143	3,829	4,077	322	13
Georgia	47	4,172	1,326	27,031	15,062	11,420	8,087	5,186	648	24
Florida	25	3,896	1,130	29,153	15,003	13,982	10,030	5,158	847	119
East South Central	149	11,803	5,208	85,816	52,389	38,828	26,454	19,626	3,082	178
Kentucky	40	2,128	1,156	20,808	13,286	9,014	5,631	4,380	596	52
Tennessee	44	4,571	1,601	28,109	16,239	12,171	7,742	6,341	1,419	100
Alabama	26	2,864	1,387	21,236	12,995	9,096	7,927	5,510	582	22
Mississippi	39	2,240	1,064	15,163	9,869	8,547	5,154	3,395	485	4
West South Central	166	18,201	6,304	174,377	85,376	72,681	50,373	30,768	6,727	465
Arkansas	19	1,528	579	11,959	6,276	5,685	3,638	2,734	489	12
Louisiana	20	3,787	1,353	27,222	16,004	11,672	6,512	5,807	642	96
Oklahoma	31	3,084	1,043	32,830	13,617	14,183	10,891	5,650	1,418	79
Texas	66	9,802	3,329	102,366	49,479	41,138	29,332	16,517	4,178	278
Mountain	96	9,190	2,519	72,503	36,581	32,613	21,645	13,039	2,810	244
Montana	11	800	295	6,013	3,198	2,779	1,973	1,031	143	2
Idaho	7	709	227	5,764	2,719	3,133	1,676	1,065	133	—
Wyoming	2	353	146	2,877	1,584	1,407	762	495	131	11
Colorado	21	3,085	819	20,659	11,284	9,099	5,513	4,301	1,190	148
New Mexico	9	1,000	259	7,847	2,625	2,762	2,470	1,180	381	11
Arizona	7	959	273	11,114	5,599	4,893	3,351	1,949	483	11
Utah	8	2,058	465	16,858	8,440	7,581	5,558	2,818	317	61
Nevada	1	226	35	1,371	832	959	342	200	27	—
Pacific	183	29,004	7,139	241,365	125,155	109,560	64,366	30,715	5,564	1,125
Washington	26	3,411	1,263	28,198	14,285	12,745	7,436	5,671	640	154
Oregon	20	2,656	820	19,152	10,322	9,069	4,879	3,581	655	107
California	131	22,937	5,056	194,015	100,548	87,746	52,049	21,463	4,269	864
U. S. Service Academies	5	1,167	20	8,271	1	2,038		1,516	67	
Alaska	1	51	1,122	563	416	368	88	39	6	—
Canal Zone	1	11	323	100	94	124	16	—	—	—
Guam	1	7	242	96	140	70	4	—	—	—
Hawaii	1	135	6,273	2,891	2,449	1,503	966	663	163	—
Puerto Rico	4	703	17,629	9,671	7,808	5,374	3,881	1,784	13	—

¹ See footnote 3, table 157.² November 1955.³ Resident and extension. Data are included, as appropriate, in columns giving data on resident enrollment.Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1954-56*, Chapter 4, Statistics of Higher Education.

NO. 160.—INSTITUTIONS OF HIGHER EDUCATION—VALUE OF PROPERTY, ENDOWMENTS, AND OTHER PERMANENT FUNDS, INCOME, AND EXPENDITURES, BY STATES AND OTHER AREAS: 1954

[In thousands of dollars]

STATE OR OTHER AREA	Value of plant and plant funds ¹	NONEXPENDABLE FUNDS		INCOME FOR—			EXPENDITURES	
		Endowment and annuity ²	Student loan	Current operations	Nonexpendable funds	Plant expansion	Current operations	Plant expansion
Continental U. S.	7,995,295	3,261,142	49,085	2,945,550	190,903	468,667	2,882,864	530,804
New England	721,120	711,718	8,679	268,772	36,933	25,688	263,635	32,257
Maine.....	35,616	22,090	174	11,210	920	966	11,010	2,017
New Hampshire.....	29,775	37,289	516	14,497	1,874	1,220	14,233	778
Vermont.....	24,402	13,604	660	11,337	738	475	10,922	780
Massachusetts.....	377,464	494,466	5,462	108,370	21,645	11,501	165,806	16,720
Rhode Island.....	40,063	26,205	192	15,924	776	2,850	16,370	1,139
Connecticut.....	208,170	178,054	1,785	47,434	11,280	8,676	45,285	10,823
Middle Atlantic	1,323,975	731,316	7,953	508,734	34,697	79,560	502,386	71,090
New York.....	672,469	414,029	4,156	297,849	12,912	50,974	293,379	39,669
New Jersey.....	168,413	111,658	1,285	51,035	4,546	5,970	50,493	5,880
Pennsylvania.....	483,093	205,629	2,612	159,850	17,239	22,616	158,574	25,501
East North Central	1,583,707	474,624	8,361	605,846	30,853	112,634	598,803	102,803
Ohio.....	359,017	134,143	2,480	123,659	12,252	27,192	122,204	18,871
Indiana.....	299,033	51,521	885	92,185	2,874	26,252	88,972	18,806
Illinois.....	452,780	220,879	2,221	193,031	11,545	25,977	189,808	31,674
Michigan.....	384,719	43,015	1,930	139,807	2,174	25,688	137,749	21,614
Wisconsin.....	103,188	25,866	738	57,164	2,008	7,525	59,980	11,938
West North Central	743,975	190,342	4,695	279,015	9,737	35,393	268,928	49,731
Minnesota.....	183,759	68,178	1,090	70,378	5,031	6,465	68,681	9,620
Iowa.....	134,231	25,326	689	63,784	612	8,215	62,073	6,723
Missouri.....	195,407	60,180	1,680	58,338	2,756	8,488	57,517	9,927
North Dakota.....	39,982	6,809	140	10,538	111	1,255	9,675	2,829
South Dakota.....	27,934	5,484	161	10,816	66	609	10,530	1,458
Nebraska.....	57,623	10,478	428	27,557	256	4,379	26,086	4,790
Kansas.....	105,039	13,887	507	37,604	1,005	5,892	33,457	11,384
South Atlantic	1,115,103	338,862	6,761	373,206	17,350	68,052	360,481	73,618
Delaware.....	17,458	9,986	42	6,387	1,813	2,736	5,635	3,284
Maryland.....	141,066	57,814	224	61,440	1,893	14,016	60,080	14,307
District of Columbia.....	101,146	19,043	315	37,016	890	3,448	36,858	3,632
Virginia.....	158,105	61,389	1,242	55,377	3,147	8,298	54,301	10,423
West Virginia.....	73,498	4,694	133	22,376	182	1,616	18,133	2,880
North Carolina.....	267,940	98,294	1,855	73,287	3,218	15,369	72,055	16,514
South Carolina.....	98,167	18,654	304	28,153	283	9,006	27,038	4,569
Georgia.....	134,537	63,529	1,905	41,868	3,981	7,331	40,609	8,459
Florida.....	123,186	10,259	741	47,302	1,943	6,232	45,172	9,490
East South Central	432,054	150,167	3,569	143,990	5,705	24,744	140,987	26,912
Kentucky.....	113,902	44,009	807	32,179	1,217	7,070	31,530	5,089
Tennessee.....	145,587	71,556	1,407	47,241	3,805	12,677	44,340	13,070
Alabama.....	97,572	26,471	1,012	38,348	635	2,063	37,319	4,149
Mississippi.....	74,993	8,131	253	26,222	48	2,334	25,798	4,604
West South Central	765,722	379,130	4,321	235,897	41,773	51,656	227,591	69,587
Arkansas.....	61,036	10,158	425	21,680	1,928	6,740	20,849	5,506
Louisiana.....	129,362	32,908	486	45,112	1,393	5,377	44,694	12,174
Oklahoma.....	147,055	19,007	1,122	43,636	1,055	4,642	41,661	6,703
Texas.....	429,270	317,057	2,290	125,469	37,397	34,897	120,387	45,204
Mountain	301,172	49,326	1,296	109,848	1,814	22,169	106,446	25,244
Montana.....	31,157	6,136	81	9,759	148	2,376	9,480	2,816
Idaho.....	32,265	9,114	76	9,056	69	360	8,870	1,808
Wyoming.....	19,127	6,300	177	6,227	970	949	5,781	1,309
Colorado.....	88,350	10,000	559	35,172	333	7,817	37,881	8,937
New Mexico.....	34,479	13,403	35	13,316	193	2,477	12,851	1,719
Arizona.....	35,485	1,659	64	12,877	41	920	12,597	2,703
Utah.....	54,755	1,593	204	21,080	60	6,342	20,603	6,792
Nevada.....	5,554	1,121	100	2,361	-----	928	2,383	100
Pacific	883,607	235,661	3,451	388,563	12,039	48,495	381,926	79,445
Washington.....	141,643	27,102	342	50,345	352	7,449	47,852	10,830
Oregon.....	69,358	10,038	690	30,447	327	6,069	29,066	7,785
California.....	648,006	198,526	2,419	307,761	11,360	34,977	305,008	60,830
U. S. Service Academies	124,862	-----	-----	31,683	-----	272	31,680	111
Alaska.....	4,265	19	30	2,002	10	543	1,903	275
Canal Zone.....	317	-----	-----	113	-----	-----	113	-----
Hawaii.....	10,736	228	27	5,393	13	140	5,059	355
Puerto Rico.....	21,865	1,985	50	13,127	345	989	12,387	1,695

¹ Grounds, buildings, equipment, and unexpended plant funds.

² Includes other nonexpendable funds except student loans.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1952-54*, Chapter 4, Statistics of Higher Education.

No. 161.—EARNED DEGREES CONFERRED, BY LEVEL OF DEGREE: 1940 TO 1956

[Data for 1946 and prior years are for continental United States; data beginning with 1948 include Alaska, Hawaii, and Puerto Rico]

YEAR	Total	Bachelor's and first professional degrees	Second-level degrees	Doctorate	YEAR	Total	Bachelor's and first professional degrees	Second-level degrees	Doctorate
1940.....	216,521	186,500	26,731	3,290	1951.....	456,822	384,352	65,132	7,338
1942.....	213,491	185,346	24,648	3,497	1952.....	403,194	331,924	63,587	7,683
1944.....	141,582	125,863	13,414	2,305	1953.....	374,189	304,857	61,023	8,309
1946.....	157,349	136,174	19,209	1,966	1954.....	358,699	292,880	56,823	8,996
1948.....	318,749	272,144	42,417	4,188	1955.....	354,445	287,401	58,204	8,840
1949.....	422,754	366,634	50,827	5,293	1956.....	379,641	311,298	59,440	8,903
1950.....	498,586	433,734	58,219	6,633					

Source: Department of Health, Education, and Welfare, Office of Education; circular No. 499, *Earned Degrees Conferred by Higher Educational Institutions, 1955-56*.

No. 162.—LAND-GRANT INSTITUTIONS—FINANCES AND STUDENTS: 1956

[Income and expenditure figures for year ending June 30; student figures as of November 1955. Land-grant colleges and universities are so called because public lands were granted to the States for their establishment or support. They all conform to certain broad policy stipulations of Federal law]

ITEM	52 institutions	17 institutions ¹	ITEM	Total	Male	Female
INCOME (\$1,000)			STUDENTS			
Total, current.....	1,085,220	30,048	52 institutions:			
Educational and general.....	915,465	22,173	Resident and extension, total.....	557,577	404,034	153,543
Student tuition and fees.....	93,821	2,807	Degree-credit.....	507,945	365,091	142,854
Federal Government.....	244,639	800	Resident.....	442,484	325,911	116,573
From Veterans Adm.....	1,915	80	Undergraduate.....	387,878	282,712	105,166
Regular appropriations.....	72,144	473	Graduate.....	54,606	43,199	11,407
Grants or contractual amounts for research.....	165,721	36	Extension.....	65,461	39,180	26,281
Other grants or payments.....	4,859	12	Nondegree-credit.....	49,632	38,943	10,689
State governments.....	439,368	17,589	Resident.....	5,778	4,333	1,445
Local governments.....	5,529	141	Adult education.....	3,409	2,163	1,246
Endowment earnings.....	12,788	28	Terminal occupational.....	2,369	2,170	199
Private gifts and grants.....	39,357	62	Extension.....	43,854	34,610	9,244
Sales and services of organized activities.....	57,644	811	Other enrollments, total.....	75,793	48,376	27,417
Miscellaneous.....	21,918	136	Correspondence.....	44,862	24,813	20,049
Auxiliary enterprises.....	160,594	7,573	Degree-credit.....	35,624	18,705	16,919
Scholarships, fellowships, and prizes.....	9,161	302	Nondegree-credit.....	9,238	6,108	3,130
			Short courses.....	30,321	23,393	6,928
			Individual lessons only.....	610	170	440
EXPENDITURES (\$1,000)			17 institutions: ¹			
Total, current.....	1,063,667	29,277	Resident and extension, total.....	28,476	13,876	14,600
Educational and general.....	897,363	21,841	Degree-credit.....	26,867	12,838	14,029
Administration and general.....	67,191	2,888	Resident.....	25,273	12,518	12,755
Instruction and departmental research.....	285,368	11,773	Undergraduate.....	24,133	12,110	12,023
Organized research.....	269,812	27	Graduate.....	1,140	408	732
Extension and public services.....	113,931	235	Extension.....	1,694	320	1,274
Libraries.....	19,938	748	Nondegree-credit.....	1,609	1,038	571
Operation and maintenance of the physical plant.....	75,424	4,691	Resident.....	833	609	224
Organized activities related to educational departments.....	65,699	1,479	Adult education.....	264	81	183
Auxiliary enterprises.....	151,995	6,937	Terminal occupational.....	569	528	41
Scholarships, fellowships, and prizes.....	14,308	499	Extension.....	776	429	347
			Other enrollments.....	260	100	160
			Correspondence.....	109	25	84
			Degree-credit.....	109	25	84
			Nondegree-credit.....			
			Short courses.....	101	38	63
			Individual lessons only.....	50	37	13

¹ Attended predominantly by Negro students.Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Land-Grant Colleges and Universities*, bulletin 1958, No. 2.

No. 163.—EARNED DEGREES CONFERRED, BY FIELD OF STUDY, LEVEL OF DEGREE, AND SEX: 1956

(Includes Alaska, Hawaii, and Puerto Rico)

MAJOR FIELD OF STUDY	BACHELOR'S AND FIRST PROFESSIONAL DEGREES ¹			SECOND-LEVEL DEGREES ²			DOCTORATE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All fields.....	311,298	199,571	111,727	59,440	39,413	20,027	8,903	8,018	885
Agriculture.....	5,141	5,030	111	839	823	16	345	339	6
Animal husbandry.....	1,318	1,296	22	152	150	2	46	45	1
All other.....	3,823	3,734	89	687	673	14	299	294	5
Architecture (excluding architectural engineering).....	1,443	1,373	70	199	182	17	2	2	-----
Biological sciences ³	12,566	9,607	2,959	1,759	1,379	380	1,025	908	117
Biological and pre-medical, general.....	4,490	3,946	544	76	67	9	13	13	-----
Biology, general.....	5,001	3,441	1,560	371	263	108	109	88	21
Zoology, general.....	1,769	1,324	445	293	223	70	148	128	20
All other.....	1,306	896	410	1,019	826	193	755	679	76
Business and commerce.....	42,195	38,101	4,094	3,106	2,953	153	121	121	-----
Accounting.....	8,828	8,409	419	439	423	16	7	7	-----
Other specific major fields.....	16,178	15,060	1,118	1,622	1,547	75	62	62	-----
General, without major specialization.....	12,882	11,568	1,024	734	691	43	38	38	-----
All other.....	4,307	2,774	1,533	311	292	19	14	14	-----
Education.....	70,616	19,883	50,733	30,138	16,005	14,133	1,583	1,301	282
Specialized teaching fields.....	26,884	13,801	13,083	5,904	3,567	2,337	359	290	69
General teaching fields.....	42,347	5,685	36,662	9,788	3,470	6,328	228	179	49
Nonteaching fields.....	170	83	87	12,293	7,673	4,620	912	769	143
All other.....	1,215	314	901	2,143	1,295	848	84	63	21
Engineering.....	26,312	26,236	76	4,724	4,705	19	610	610	-----
English and Journalism.....	16,842	7,131	9,711	2,074	1,117	957	388	329	59
English and literature (including comparative literature).....	14,406	5,530	8,876	1,892	969	923	382	323	59
Journalism.....	2,436	1,601	835	182	148	34	6	6	-----
Fine and applied arts.....	11,214	5,044	6,170	2,360	1,460	900	235	204	31
Music.....	3,070	1,283	1,787	1,075	700	375	81	73	8
Speech and dramatic arts.....	3,434	1,632	1,802	702	385	317	127	110	17
All other.....	4,710	2,129	2,581	553	375	208	27	21	6
Foreign languages and literature.....	3,979	1,512	2,467	898	481	417	253	203	50
Forestry.....	976	972	4	199	198	1	34	34	-----
Geography.....	651	534	117	161	129	32	46	43	3
Health professions.....	22,379	14,773	7,606	1,271	849	422	144	137	7
Dentistry, D. D. S. and D. M. D. only.....	3,009	2,975	34	-----	-----	-----	-----	-----	-----
Medicine, M. D. only.....	6,853	6,498	355	-----	-----	-----	-----	-----	-----
Nursing.....	5,315	50	5,265	240	1	239	-----	-----	-----
Pharmacy (excl. pharmacology).....	3,337	2,974	363	134	122	12	63	61	2
All other.....	3,865	2,276	1,589	897	726	171	81	76	5
Home economics.....	4,708	35	4,673	451	9	442	33	5	28
Law (LL. B., J. D., or higher degrees).....	8,285	7,994	291	427	399	28	27	27	-----
Library science.....	1,592	359	1,233	173	30	143	15	14	1
Mathematical subjects.....	4,660	3,137	1,523	898	719	179	235	225	10
Military, naval, or air force science.....	1,577	1,576	1	-----	-----	-----	-----	-----	-----
Philosophy.....	2,668	2,343	325	267	238	29	82	77	5
Physical sciences ⁴	11,672	10,171	1,501	2,655	2,435	220	1,667	1,599	68
Chemistry (excl. biochemistry).....	6,178	4,996	1,182	1,164	1,035	129	986	934	52
Physics.....	2,335	2,233	102	742	719	23	470	462	8
Geology.....	2,138	2,060	78	491	478	13	128	127	1
All other.....	1,021	882	139	258	203	55	83	76	7
Psychology.....	5,665	3,108	2,557	973	690	283	634	548	86
Religion.....	8,146	6,797	1,349	1,089	895	194	217	202	15
Religious education and Bible.....	2,893	1,866	1,027	355	193	162	36	27	11
Theology.....	4,397	4,332	65	620	610	10	121	119	2
All other.....	556	509	257	114	92	22	58	56	2
Social sciences ⁵	40,313	27,825	12,488	4,408	3,443	965	1,124	1,015	109
Social sciences, general.....	6,352	4,033	2,319	560	421	139	26	23	3
Economics (excl. agric. econ.).....	6,584	5,908	676	581	525	56	232	221	11
History.....	10,540	7,339	3,201	1,114	808	306	259	232	27
Political science or government.....	5,670	4,561	1,109	509	434	75	203	188	15
Sociology.....	5,916	2,553	3,363	402	275	127	170	141	4
Social work, social administration.....	1,770	598	1,172	150	58	92	9	5	20
All other.....	3,481	2,833	648	1,092	922	170	225	205	29
Trade and industrial training.....	978	969	9	-----	-----	-----	-----	-----	-----
Miscellaneous.....	6,720	5,061	1,659	371	274	97	83	75	8

¹ Includes master's degrees when they constitute the first-professional degree in their respective fields.

² Excludes such degrees as master of library science, master of social work, master of business administration, etc., when these constitute first-professional degrees. ³ Excludes psychology, listed independently.

⁴ Excludes geography, listed independently.

⁵ Excludes geography, philosophy, and psychology, listed independently.

Source: Department of Health, Education, and Welfare, Office of Education; circular No. 499, *Earned Degrees Conferred by Higher Educational Institutions, 1955-56*.

No. 164.—SPECIAL SCHOOLS AND CLASSES FOR EXCEPTIONAL CHILDREN—ENROLLMENT, BY TYPE OF CHILD: 1948 AND 1953

[Covers public elementary and secondary day schools. Excludes data for truant, delinquent, and maladjusted children; home- and hospital-bound children; and exceptional children enrolled in residential schools]

TYPE	1948					1953				
	States reporting	Places reporting	Enrollment		Teachers ¹	States reporting	Places reporting	Enrollment		Teachers ¹
			Elementary schools	Secondary schools				Elementary schools	Secondary schools	
Total	149	973	294,624	43,505	9,665	149	1,785	389,158	108,058	14,316
Mentally retarded.....	46	714	74,512	12,518	4,961	48	1,244	84,878	28,687	7,067
Speech-defective.....	40	450	173,246	9,062	1,256	49	1,087	254,179	52,568	2,256
Crippled.....	36	269	13,288	1,222	1,018	45	596	15,924	1,889	1,498
Hard-of-hearing.....	34	256	8,580	1,865	421	46	497	9,680	2,252	480
Partially seeing.....	33	239	6,466	1,190	595	39	408	6,544	1,470	647
Special health problems ⁴	29	103	10,321	604	468	40	330	10,166	1,289	868
Deaf.....	29	102	3,217	297	269	34	185	3,446	489	479
Blind.....	13	31	414	115	55	19	67	658	181	95
Mentally gifted.....	9	14	4,080	16,632	622	15	27	3,683	19,233	926

¹ Comprises full-time and part-time teachers. A teacher serving more than one type of exceptional child is reported only with the type to which she devotes the major portion of her time.

² Includes District of Columbia.

³ Total number of different places reporting a program for one or more of the specified types of exceptional children; not the sum of the figures reported in the column.

⁴ Not reported in the 1947-48 survey. Figures for 1948 are the sum of those for "delicate" and "epileptic."

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of Special Education for Exceptional Children.

No. 165.—PUBLIC LIBRARY SYSTEMS—SELECTED DATA: 1955 AND 1956

[For fiscal years]

ITEM	IN CITIES OF 1,000,000 OR MORE		IN CITIES OF 100,000 TO 999,999		IN CITIES OF 50,000 TO 99,999		County and regional libraries serving 50,000 or more, 1956
	1955	1956	1955	1956	1955	1956	
Population served ¹1,000..	17,404	17,404	29,274	29,788	9,512	9,516	16,952
Number of volumes added during year.....1,000.....	1,517	1,654	2,760	2,934	881	970	1,450
By purchase.....do.....	1,240	1,353	1,789	1,771	653	720	1,209
By other means.....do.....	142	168	150	149	67	53	68
Undistributed.....do.....	135	133	822	1,013	161	197	173
Per capita.....	0.087	0.095	0.094	0.098	0.093	0.102	0.086
Number of volumes at end of year1,000.....	13,400	13,589	43,516	44,501	13,193	13,510	14,811
Per capita.....	0.77	0.78	1.49	1.49	1.39	1.42	0.87
Circulation.....1,000.....	50,773	53,026	120,676	125,761	43,035	44,843	64,584
Adult.....do.....	27,910	28,642	51,845	49,365	18,960	18,758	21,755
Juvenile.....do.....	18,365	18,945	55,605	54,986	21,962	21,784	29,693
Undistributed.....do.....	4,498	5,439	13,226	21,410	2,113	4,301	13,135
Per capita.....	2.92	3.05	4.12	4.22	4.52	4.71	3.81
Operating ex penditures ²\$1,000..	26,447	29,273	55,687	59,678	13,479	14,308	16,415
Per capita.....	\$1.52	\$1.68	\$1.90	\$2.00	\$1.43	\$1.61	\$0.97
Salaries (incl. building staff)\$1,000.....	18,838	20,469	41,245	43,817	9,090	9,731	10,493
Percent of total operating ex- penditures.....	71.2	69.9	74.1	73.4	67.4	68.0	63.9
Books and periodicals.....\$1,000..	3,675	3,607	6,752	7,287	2,069	2,206	3,192
Percent of total operating ex- penditures.....	13.9	12.3	12.1	12.2	15.3	15.4	19.4

¹ Based on 1950 Census. Area served may include city and adjacent territory.

² Includes expenditures not shown separately.

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Public Libraries in Cities with Populations of 100,000 or More*, *Statistics of Public Library Systems in Cities with Population of 50,000 to 99,999*, and *Statistics of County and Regional Libraries Serving Populations of 50,000 or More*.

No. 166.—INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT IN SUMMER SESSION AND IN EXTENSION AND CORRESPONDENCE WORK: 1920 TO 1954

YEAR	Summer session ¹	Extension and correspondence ²	YEAR	Summer session ¹	Extension and correspondence ²
1920	132,489	101,682	1938	429,864	371,173
1922	220,311	155,163	1940	456,679	362,381
1924	278,125	194,147	1942	426,849	362,387
1926	340,461	324,819	1944	479,326	343,338
1928	382,776	360,246	1946	515,602	535,957
1930	388,755	354,133	1948	955,429	759,909
1932	414,260	440,186	1950	943,021	848,695
1934	303,754	253,991	1952	880,752	843,923
1936	370,026	297,921	1954	796,970	* 435,417

¹ For odd years, 1919, 1921, etc.

² Collegiate and noncollegiate students.

³ Extension enrollment only. Enrollment in correspondence courses was 136,606 in November 1953.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

No. 167.—VOCATIONAL PROGRAMS, FEDERALLY AIDED—NUMBER OF TEACHERS AND STUDENTS, BY TYPE OF PROGRAM AND BY SEX: 1930 TO 1956

[For years ending June 30. Institutions Federally aided are reimbursed from Federal funds provided under act known as "The Smith-Hughes Act," or the "National Vocational Education Act of 1917," and subsequent acts extending benefits of vocational education to Alaska, Hawaii, Puerto Rico, and Virgin Islands, and providing for further development of vocational education of less-than-college grade. These acts, administered by Office of Education, provide appropriations for reimbursement in part from Federal funds for expenditures by States and local communities for vocational education. Includes Hawaii beginning 1930, Puerto Rico beginning 1940, and Alaska and Virgin Islands beginning 1955]

ITEM AND SEX	TEACHERS ¹					STUDENTS				
	1930	1940	1950	1955	1956	1930	1940	1950	1955	1956
Total, all programs			62,959	77,062	78,707	981,882	2,290,741	3,364,613	3,314,255	3,413,159
Male						603,514	1,279,109	1,715,699	1,700,552	1,731,781
Female						378,368	1,011,632	1,648,914	1,613,703	1,681,378
Evening	9,842	17,744	20,902	30,722	31,255	323,154	728,937	1,520,971	1,389,000	1,456,327
Part-time	5,468	14,600	12,324	11,583	12,981	407,285	525,355	596,295	396,184	399,303
All-day	9,245	24,917	29,733	34,757	34,471	241,486	1,022,284	1,243,419	1,529,071	1,557,529
Day-unit course	319	658	(2)	(2)	(2)	9,957	14,162	3,928	(2)	(2)
Agriculture			13,852	20,277	20,469	188,311	584,133	764,975	776,138	785,599
Male						180,490	583,034	764,975	776,138	785,599
Female						7,821	1,099			
Evening	1,878	4,976	3,149	6,481	6,524	60,462	192,246	345,007	272,363	277,849
Part-time	306	3,727	1,240	2,807	2,833	4,164	62,489	43,071	46,811	47,450
All-day	4,346	8,450	9,463	10,989	11,112	113,728	318,223	373,113	456,904	460,300
Day-unit course	819	568	(2)	(2)	(2)	9,957	11,175	3,784	(2)	(2)
Trades and industry			25,511	29,895	29,036	618,604	758,409	804,602	870,954	883,719
Male						422,575	602,182	687,847	762,643	773,629
Female						196,029	156,227	116,755	108,311	110,090
Evening	5,030	5,769	8,312	12,678	11,509	165,317	167,908	269,734	421,321	439,640
Part-time	4,981	9,449	8,671	6,448	7,556	381,898	383,579	512,129	195,702	197,381
All-day	3,054	6,940	8,528	10,769	9,971	71,389	206,922	222,739	258,931	246,695
Home economics			19,657	23,752	24,955	174,967	818,766	1,430,366	1,431,808	1,486,816
Male						449	24,746	70,336	50,918	47,784
Female						174,518	794,020	1,360,030	1,380,890	1,439,032
Evening	2,034	4,857	6,978	9,811	10,548	97,375	245,850	666,676	530,725	565,753
Part-time	181	1,192	937	942	1,019	21,223	72,790	115,979	82,907	70,532
All-day	1,845	9,527	11,742	12,699	13,388	56,569	497,139	647,567	818,176	850,531
Day-unit course		90	(2)	(2)	(2)		2,987	144	(2)	(2)
Distributive occupations			3,939	3,138	4,247		129,433	364,670	235,355	257,025
Male							69,147	192,541	110,853	124,769
Female							60,286	172,129	124,502	132,256
Evening		2,142	2,463	1,752	2,674		122,933	239,554	164,591	173,085
Part-time		232	1,476	1,386	1,573		6,500	125,116	70,764	83,940

¹ Totals omitted for 1930 and 1940 because of duplications in State reports by types of schools.

² Included with data for all-day units.

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*.

No. 168.—VOCATIONAL PROGRAMS, FEDERALLY AIDED—EXPENDITURES OF FEDERAL, STATE, AND LOCAL FUNDS, 1920 TO 1956, AND BY STATES AND OTHER AREAS, 1956

[In thousands of dollars. For years ending June 30. For 1920 and 1930, total includes expenditures for teacher-training not shown separately; beginning 1940, expenditures for teacher-training included in respective programs. See headnote, table 167]

YEAR AND STATE OR OTHER AREA	ALL VOCATIONAL EDUCATION		AGRICULTURAL EDUCATION		TRADE AND INDUSTRIAL EDUCATION		HOME ECONOMICS EDUCATION		DISTRIBUTIVE OCCUPATION	
	Total funds	Fed- eral	Total funds	Fed- eral	Total funds	Fed- eral	Total funds	Fed- eral	Total funds	Fed- eral
1920.....	8,535	2,477	2,437	890	3,397	700	1,054	156	-----	-----
1930.....	29,909	7,404	8,743	3,174	8,815	1,719	4,382	678	-----	-----
1940.....	55,080	20,004	18,373	7,346	22,561	7,105	13,072	4,916	1,074	637
1950.....	128,717	26,623	38,523	10,087	47,869	8,612	36,916	6,241	5,408	1,683
1953.....	145,951	25,366	47,490	10,105	50,507	8,572	43,114	6,279	4,839	411
1954.....	151,289	25,419	49,976	10,117	50,916	8,627	45,291	6,257	5,105	417
1955.....	164,761	30,351	53,707	11,826	55,560	9,999	49,481	7,701	6,033	825
1956¹										
Total.....	175,886	33,180	56,658	12,668	59,522	10,694	53,282	8,389	6,424	1,430
Alabama.....	4,292	898	1,831	469	870	169	1,482	235	110	26
Arizona.....	1,091	181	275	62	373	54	410	50	34	15
Arkansas.....	2,879	657	1,393	381	275	82	1,141	177	70	16
California.....	11,070	1,620	2,299	367	5,275	816	2,939	347	557	91
Colorado.....	1,565	284	367	106	632	88	579	75	88	15
Connecticut.....	2,333	315	145	67	1,907	163	246	68	36	17
Delaware.....	847	165	181	52	287	55	310	43	69	15
District of Columbia.....	446	110	18	9	283	46	115	40	30	15
Florida.....	5,214	515	1,196	149	2,163	197	1,722	145	142	24
Georgia.....	5,860	964	2,764	479	575	189	2,427	266	94	30
Idaho.....	942	193	401	85	253	54	276	48	12	6
Illinois.....	8,027	1,461	2,725	422	2,259	648	2,772	316	271	75
Indiana.....	4,401	872	1,356	349	1,375	261	1,582	228	89	34
Iowa.....	3,057	741	1,539	381	432	141	999	197	87	22
Kansas.....	2,111	484	1,017	224	386	119	633	125	75	16
Kentucky.....	2,700	908	1,200	480	442	151	992	256	96	21
Louisiana.....	4,737	653	1,769	289	1,268	174	1,560	167	140	23
Maine.....	546	190	180	78	113	46	247	63	6	3
Maryland.....	1,684	403	325	117	1,018	163	269	103	72	20
Massachusetts.....	6,648	638	625	87	4,915	376	1,000	134	109	40
Michigan.....	6,207	1,182	1,579	383	2,325	454	1,914	289	389	55
Minnesota.....	4,282	762	1,678	364	1,223	176	1,225	197	166	26
Mississippi.....	3,455	826	1,681	509	407	84	1,302	214	65	19
Missouri.....	3,494	929	1,200	423	938	247	1,140	226	208	34
Montana.....	766	189	328	74	144	52	244	48	50	15
Nebraska.....	1,419	379	712	191	184	71	467	101	56	15
Nevada.....	432	151	115	48	191	41	169	48	47	14
New Hampshire.....	439	155	125	56	130	46	166	44	19	9
New Jersey.....	3,784	944	582	92	2,400	417	692	93	110	41
New Mexico.....	853	190	365	73	166	52	271	50	51	15
New York.....	9,298	2,070	1,072	368	6,867	1,253	1,014	322	345	127
North Carolina.....	6,050	1,288	3,004	680	706	204	2,165	369	175	35
North Dakota.....	871	257	312	123	193	52	335	66	31	16
Ohio.....	5,383	1,478	1,697	477	2,216	566	1,269	366	200	68
Oklahoma.....	4,596	582	2,254	275	835	137	1,359	150	149	19
Oregon.....	1,705	345	505	130	681	99	444	101	76	15
Pennsylvania.....	8,547	1,798	1,818	464	4,889	784	1,527	470	313	80
Rhode Island.....	421	138	49	24	279	69	90	43	3	1
South Carolina.....	3,584	656	1,612	345	600	110	1,274	183	99	18
South Dakota.....	817	253	341	123	127	53	316	61	34	15
Tennessee.....	4,350	959	1,640	496	945	181	1,655	253	110	28
Texas.....	14,795	1,671	6,251	669	1,579	507	6,184	429	781	66
Utah.....	1,064	172	321	57	467	55	233	46	42	15
Vermont.....	525	168	158	57	193	53	141	43	32	15
Virginia.....	4,765	857	1,487	383	1,193	205	1,765	241	320	28
Washington.....	3,644	475	929	160	1,380	171	1,190	123	145	20
West Virginia.....	1,812	547	535	231	668	118	563	180	46	17
Wisconsin.....	4,562	819	1,628	362	1,478	214	1,366	213	91	29
Wyoming.....	573	165	245	53	119	52	171	45	39	15
Alaska.....	53	26	1	(²)	10	5	41	20	1	(²)
Hawaii.....	863	166	228	55	368	51	223	45	44	15
Puerto Rico.....	1,942	592	599	267	675	99	632	209	36	17
Virgin Islands.....	80	40	5	2	43	22	27	14	4	2

¹ Provisional. ² Less than \$500.

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*.

No. 169.—VOCATIONAL PROGRAMS, FEDERALLY AIDED—STUDENTS ENROLLED, BY TYPE OF PROGRAM, BY STATES AND OTHER AREAS: 1955 AND 1956

[For years ending June 30. Excludes vocational teacher-training courses. See also headnote, table 167]

STATE OR OTHER AREA	1955					1956				
	Total	Agri- culture	Trades and in- dustry	Home eco- nomics	Dis- tribu- tive	Total	Agri- culture	Trades and in- dustry	Home eco- nomics	Dis- tribu- tive
Total.....	3,314,255	776,138	870,954	1,431,808	235,355	3,413,159	785,599	883,719	1,486,816	257,025
Alabama.....	63,372	22,683	15,349	23,535	1,505	72,449	24,799	17,120	28,340	2,190
Arizona.....	19,338	2,061	7,506	8,550	1,221	18,029	1,908	6,977	8,905	839
Arkansas.....	79,808	27,513	8,943	41,491	1,861	78,874	27,552	7,333	41,738	2,251
California.....	293,391	20,874	102,692	125,912	43,913	311,411	17,840	109,244	129,417	54,910
Colorado.....	50,904	3,167	22,665	16,654	8,418	50,705	2,970	23,454	18,675	5,606
Connecticut.....	24,435	727	15,010	6,722	1,976	23,602	715	14,581	6,998	1,308
Delaware.....	7,727	564	3,443	2,818	602	8,733	994	4,141	2,770	968
Dist. of Col.....	9,353	173	3,774	3,789	1,617	9,026	219	4,033	3,413	1,961
Florida.....	99,707	12,120	32,762	45,823	9,002	126,955	13,705	32,309	70,746	10,195
Georgia.....	179,938	77,007	25,094	60,802	8,035	197,601	87,237	31,481	72,050	6,833
Idaho.....	11,480	3,793	2,567	5,107	13	12,181	3,938	2,930	5,218	95
Illinois.....	114,963	30,488	29,141	51,639	3,695	112,953	27,807	29,881	51,689	3,576
Indiana.....	62,552	16,642	14,217	29,289	2,404	67,826	15,707	18,058	32,131	1,930
Iowa.....	64,067	28,331	11,249	23,289	1,198	64,884	28,717	10,362	24,157	1,648
Kansas.....	33,567	7,069	6,865	17,932	1,701	30,400	7,472	7,340	19,032	2,556
Kentucky.....	59,886	18,850	8,746	28,068	3,322	62,781	17,796	10,834	30,342	3,809
Louisiana.....	84,120	25,396	20,906	35,465	2,359	82,598	25,489	18,771	34,209	3,129
Maine.....	6,493	1,534	949	3,993	17	6,379	1,601	912	3,955	11
Maryland.....	26,152	3,565	11,293	7,919	3,375	30,044	3,655	13,538	8,919	3,932
Massachusetts.....	65,688	1,800	25,080	36,772	2,086	66,827	1,624	26,562	36,564	2,077
Michigan.....	126,172	17,913	36,205	54,835	17,219	131,055	18,622	36,836	56,569	19,038
Minnesota.....	77,220	28,200	12,689	33,355	2,976	79,351	26,742	15,038	34,164	3,417
Mississippi.....	87,815	40,370	8,681	36,757	2,007	90,856	44,020	7,526	36,929	2,381
Missouri.....	70,063	21,389	13,643	31,378	3,653	65,375	20,234	11,421	30,708	3,012
Montana.....	9,255	2,942	2,260	8,664	389	10,231	3,204	2,402	4,161	464
Nebraska.....	31,311	10,721	5,105	12,722	2,767	31,061	9,634	6,199	12,834	2,394
Nevada.....	4,604	539	1,533	2,312	220	5,028	617	1,566	2,710	135
New Hampshire.....	5,283	635	2,089	2,427	132	5,266	649	1,376	3,060	181
New Jersey.....	24,803	2,550	17,099	4,677	577	25,136	2,515	17,146	4,828	647
New Mexico.....	8,389	2,055	1,579	4,366	389	8,881	2,169	1,923	4,344	445
New York.....	182,180	7,920	112,203	57,359	4,608	154,960	6,571	83,785	59,441	5,163
North Carolina.....	120,922	44,832	9,314	63,020	3,756	115,374	49,864	9,566	51,958	3,986
North Dakota.....	11,600	3,881	1,332	6,040	297	12,263	3,570	2,233	6,111	349
Ohio.....	86,438	19,694	30,530	29,895	6,819	92,213	19,146	37,377	28,474	7,216
Oklahoma.....	71,159	31,558	8,527	28,763	2,311	68,909	29,773	9,650	27,546	1,940
Oregon.....	28,094	5,012	8,585	13,702	795	33,526	4,734	10,963	16,724	1,105
Pennsylvania.....	100,743	14,275	55,665	31,305	5,498	100,582	14,118	48,729	33,140	4,595
Rhode Island.....	4,581	446	1,018	2,196	21	4,998	379	2,083	2,436	100
South Carolina.....	100,609	39,412	11,317	46,402	3,478	108,450	43,156	11,244	50,913	3,137
South Dakota.....	12,142	3,972	2,438	5,145	587	11,465	3,657	2,408	4,590	810
Tennessee.....	85,352	29,637	15,639	37,895	2,181	83,205	28,092	14,304	38,725	2,084
Texas.....	316,167	61,617	40,993	167,235	46,322	322,881	60,976	43,125	167,893	50,887
Utah.....	28,063	4,726	6,381	12,176	4,780	30,405	4,738	8,704	11,831	5,132
Vermont.....	5,330	939	1,468	2,675	247	4,889	1,020	1,584	2,095	190
Virginia.....	77,998	23,065	13,319	34,394	7,220	82,085	22,446	14,037	37,837	7,765
Washington.....	86,100	9,666	31,994	34,453	9,987	93,047	9,227	34,082	38,285	11,453
West Virginia.....	31,014	6,481	10,394	13,134	1,015	31,239	6,309	10,931	13,115	884
Wisconsin.....	97,151	25,370	23,058	45,325	3,397	95,348	24,451	23,298	44,000	3,599
Wyoming.....	5,092	1,367	943	2,680	102	5,655	1,360	1,148	2,787	360
Alaska.....	391		37	354		375		33	342	
Hawaii.....	14,193	2,290	4,691	5,322	1,890	12,792	2,121	4,910	4,340	1,421
Puerto Rico.....	40,225	7,644	10,677	20,480	1,424	53,911	8,792	17,972	24,270	2,877
Virgin Islands.....	845	63	267	494	21	749	48	259	408	34

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*.

**No. 170.—FEDERAL EXPENDITURES FOR EDUCATION, BY TYPE OF PROGRAM:
1947 TO 1955**

[In thousands of dollars]

PROGRAM	1947	1949	1951	1953	1955
Total expenditures	2, 930, 865	3, 500, 817	2, 550, 852	1, 437, 389	1, 616, 654
Elementary and secondary schools	129, 136	166, 912	221, 494	451, 930	536, 986
Assistance to federally affected areas.....	5, 347	5, 494	16, 728	200, 084	216, 348
Public-school construction.....	5, 347	5, 494	2, 956	117, 804	122, 767
Public-school maintenance and operation.....			13, 772	65, 995	85, 251
School construction on Federal bases.....				16, 285	8, 380
School lunch program.....	77, 597	94, 792	118, 092	133, 654	169, 502
Vocational education.....	19, 599	26, 013	26, 013	24, 657	29, 237
Indians in the U. S. and natives in Alaska.....	14, 510	19, 670	27, 118	30, 117	37, 545
Revenue distributed from use and sale of public lands.....	6, 501	11, 535	17, 505	24, 130	38, 310
Revenue distributed from national forests.....	3, 463	6, 040	8, 435	17, 491	16, 497
Armed Forces—dependent children overseas.....			802	8, 911	16, 421
Operation of public schools.....	1, 980	3, 219	6, 346	11, 986	11, 851
District of Columbia.....	1, 980	3, 219	2, 664	2, 522	5, 185
Canal Zone.....				2, 684	3, 015
Atomic Energy Commission sites.....			3, 682	6, 780	2 3, 651
Other programs.....	139	149	455	900	1, 278
Colleges and universities	384, 043	208, 668	66, 804	74, 642	153, 056
Surplus property allocated ¹	375, 730	200, 015	57, 144	65, 152	139, 695
Land-grant colleges.....	5, 030	5, 030	5, 030	5, 030	5, 052
Howard University.....	3, 035	3, 302	4, 262	4, 047	7, 654
Gallaudet College.....	248	321	368	413	655
Research programs, fellowships, and education services	35, 960	42, 135	60, 745	69, 829	94, 258
Department of Agriculture.....	34, 520	40, 125	43, 157	43, 158	59, 709
Agricultural experiment stations.....	7, 206	9, 687	11, 016	11, 041	19, 109
Agricultural extension service.....	27, 323	30, 438	32, 141	32, 117	40, 600
Office of Education administration.....	1, 431	2, 010	2, 363	2, 092	2, 925
Atomic Energy Commission contract research.....			13, 487	17, 352	2 18, 418
National Science Foundation basic research grants.....				1, 814	7, 857
Fellowships in health, atomic energy, and sciences.....			1, 738	4, 472	5, 033
Other science education.....				41	316
U. S. Military, Naval, and Coast Guard Academies	10, 578	12, 386	15, 415	18, 469	18, 786
West Point.....	4, 667	4, 875	7, 223	8, 474	8, 717
Annapolis.....	4, 480	5, 559	6, 424	7, 482	7, 634
Coast Guard.....	1, 531	1, 952	1, 768	2, 513	2, 435
Academic training of military personnel and Naval Reserve personnel ⁴	5, 920	5, 427	11, 892	15, 310	15, 089
Federal and State merchant marine schools.....	5, 308	4, 635	3, 765	2, 750	2, 593
Veterans education and training.....	2, 118, 735	2, 700, 184	1, 943, 341	669, 018	669, 314
Veterans vocational rehabilitation.....	220, 947	335, 199	176, 875	57, 769	40, 770
Vocational rehabilitation and teacher training.....	15, 304	19, 331	22, 116	24, 062	25, 004
Department of Labor apprenticeship training.....		2, 588	3, 183	3, 324	3, 160
Department of State international programs.....			22, 425	37, 803	42, 286
International Cooperation Administration country missions.....				14, 042	22, 518
Educational exchange programs and activities.....			22, 425	23, 761	19, 768
Other programs.....	4, 934	3, 352	2, 797	11, 983	14, 452

¹ Distributed for roads and schools.

² 1954 data.

³ To health and educational institutions.

⁴ Includes off-duty education extension program for servicemen and Coast Guard personnel, and tuition for Coast Guard personnel.

Source: Department of Health, Education, and Welfare; Office of Education; *Federal Funds for Education*, bulletin 1956, No. 5.

No. 171.—FEDERAL FUNDS ALLOTTED FOR EDUCATION, BY STATES AND OTHER AREAS: 1955

(In thousands of dollars)

STATE OR OTHER AREA	Total	FUNDS ADMINISTERED BY—				FUNDS FOR THE EDUCATION OF VETERANS		Other
		Dept. of Health, Education, and Welfare		Dept. of Agriculture		Total 4	Education and allowance (P. L. 550)	
		Total 1	Aid to Federally affected areas 2	Total 3	School lunch program			
Total	1,561,574	442,475	202,813	229,211	169,502	710,084	563,421	179,804
Alabama	41,037	8,817	3,486	7,512	5,626	25,273	20,335	35
Arizona	9,090	4,089	2,890	1,577	1,184	3,853	3,006	171
Arkansas	21,781	4,776	1,808	5,968	4,400	10,992	6,902	44
California	131,625	60,063	40,885	10,783	9,431	59,443	49,974	1,337
Colorado	18,262	6,891	4,247	2,298	1,670	8,994	6,454	80
Connecticut	15,484	6,500	3,141	1,861	1,460	6,793	5,803	330
Delaware	2,071	764	129	522	252	762	679	33
District of Columbia	17,079	1,479		332	332	9,959	7,857	5,310
Florida	34,969	10,283	4,617	4,470	3,748	20,053	14,551	163
Georgia	43,963	12,092	6,958	7,569	5,009	23,635	17,859	67
Idaho	5,919	1,736	1,191	1,306	796	2,865	2,181	11
Illinois	50,130	10,798	3,536	7,624	5,996	30,813	26,367	896
Indiana	26,269	6,105	2,098	5,180	3,808	14,509	10,666	475
Iowa	20,247	3,628	408	4,094	2,600	12,416	9,104	108
Kansas	18,388	8,835	5,736	3,032	1,958	6,394	4,880	127
Kentucky	23,869	5,864	1,474	6,498	4,045	11,448	9,096	59
Louisiana	30,401	5,529	1,886	7,192	5,883	17,610	14,534	70
Maine	6,169	2,686	1,527	1,368	898	2,070	1,775	45
Maryland	19,476	12,141	8,730	2,381	1,757	4,680	3,896	274
Massachusetts	30,999	7,505	1,250	4,403	3,881	18,098	14,359	993
Michigan	37,275	11,094	6,048	6,280	4,731	19,622	16,102	278
Minnesota	24,325	3,327	981	5,111	3,704	15,093	11,721	194
Mississippi	24,868	4,210	921	6,043	4,114	14,581	10,788	35
Missouri	34,888	9,169	2,897	5,442	3,789	20,086	15,360	191
Montana	6,890	2,060	1,014	1,105	583	2,718	1,997	12
Nebraska	13,607	3,531	1,339	1,979	1,072	8,108	6,373	49
Nevada	3,159	2,344	1,561	413	145	398	332	5
New Hampshire	3,048	1,154	453	893	574	1,858	1,456	43
New Jersey	19,480	5,816	2,790	3,318	2,812	10,150	8,412	196
New Mexico	12,881	7,054	5,025	1,619	1,119	4,179	3,606	29
New York	76,388	15,629	5,724	11,303	9,854	48,416	37,342	1,039
North Carolina	38,207	8,317	1,241	10,019	7,551	19,659	15,922	213
North Dakota	7,370	798	242	1,544	842	5,001	3,323	27
Ohio	44,049	12,825	7,726	8,173	6,343	22,795	18,442	256
Oklahoma	34,815	11,991	7,153	6,875	5,469	15,864	12,689	85
Oregon	12,631	4,440	1,059	2,100	1,425	5,948	4,587	144
Pennsylvania	60,457	9,527	1,889	9,333	7,507	40,695	32,988	903
Rhode Island	7,642	3,235	1,710	790	555	3,503	3,017	113
South Carolina	22,350	5,898	2,207	5,116	3,728	11,309	9,150	28
South Dakota	7,456	1,878	1,030	1,402	711	4,159	3,700	18
Tennessee	33,201	7,283	2,232	7,916	6,043	18,000	14,956	91
Texas	83,928	26,055	13,520	12,195	9,252	45,502	36,183	175
Utah	13,861	5,445	2,567	1,616	1,203	6,068	5,750	132
Vermont	2,800	789	96	893	525	1,181	859	38
Virginia	39,070	22,611	17,144	6,047	4,477	10,294	8,180	118
Washington	31,168	17,025	11,761	3,244	2,476	10,740	8,773	169
West Virginia	13,012	2,780	51	3,752	2,734	6,444	5,343	36
Wisconsin	22,438	3,932	583	4,790	3,371	13,461	10,422	254
Wyoming	2,946	959	432	669	305	1,297	830	21
Alaska	6,630	3,392	3,250	288	87			2,941
Canal Zone	3,015							3,015
Hawaii	5,490	4,068	2,651	1,404	1,025			18
Puerto Rico	9,095	2,310	10	6,775	5,362			10
Virgin Islands	135	48		81	81			11
U. S. possessions	24,406					24,371	23,350	35
National and other 5	209,730	39,717		4,425		0 7,325	1,187	158,263
Unallotted	280			280				

¹ Includes, in addition to Federally affected areas, funds for support of land-grant colleges, vocational education below college level, vocational rehabilitation, American Printing House for the Blind, value of surplus property transferred to educational institutions, education of Public Health personnel, etc.

² Areas affected by Federal activity and employment, e. g., defense production, etc.

³ Includes, in addition to school-lunch program, funds for Agricultural Experiment Stations, and Cooperative Agricultural Extension Service.

⁴ Includes also vocational rehabilitation under Public Laws 16 and 894, and education and training under Public Law 345.

⁵ Federal funds allotted to national programs which cannot be reported by States.

⁶ Comprises \$4,809,000 paid to educational institutions for preparing reports and \$2,524,000 paid to veterans choosing to attend colleges in other countries.

Source: Department of Health, Education, and Welfare, Office of Education; *Federal Funds for Education*.

Section 5

Law Enforcement, Federal Courts, and Prisons

This section presents data on crimes, arrests, Federal court cases, the legal profession, Federal and State prisoners, and the use of the death penalty. The more important publications in which figures relating to these subjects appear are: *Uniform Crime Reports*, a semiannual bulletin of the Federal Bureau of Investigation; the Administrative Office of the United States Courts *Annual Report of the Director*; and the Bureau of Prisons annual review, *Federal Prisons*, and periodical bulletins and reports in its *National Prisoner Statistics* series.

In addition, limited information concerning juvenile delinquency and the operation of juvenile courts is collected and published by the Children's Bureau of the Department of Health, Education, and Welfare. Data on prosecution and disposition of persons charged with misdemeanors and other minor offenses may be found for some of the larger cities in the annual reports of their municipal courts or governments. Some information on incarcerated prisoners may be found in the reports of the 1940 and 1950 Censuses of Population.

No centralized information is available on the police activities of the Federal agencies. Some information concerning the work of each Federal agency will be found in its annual report.

Law enforcement and legal jurisdiction.—Law enforcement is for the most part a function of State and local officers and agencies. The United States Constitution reserves to the States the general police powers, and only offenses against the United States Government and against its employees while engaged in their official duties, and offenses which involve the crossing of State lines or an interference with interstate commerce are made Federal offenses by act of Congress. Consequently, criminal offenses such as murder, robbery, burglary, theft, assault, and rape are violations of State laws unless they involve Federal property or a Federal officer while engaged in his official duties, or unless they occur in Federal territories or reservations or on the high seas. There are 50 separate criminal law jurisdictions in the United States, 1 in each of the 48 States, 1 in the District of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. Yet the general system of law enforcement is quite similar from State to State, although there are among the States often substantial differences in the penalties provided for like offenses.

Law enforcement can be divided into three parts. The first covers the activities of the police agencies, namely, the investigation of crimes and the apprehension of persons suspected of committing them. This function involves agencies such as municipal police, county police, State police, sheriffs, constables, marshals, Federal agents, and many kinds of special officers. The second phase is the prosecution of those charged with criminal offenses to determine whether they are in fact guilty. The agencies concerned include the courts, justices of the peace, municipal, State, and Federal grand juries, and prosecuting court officers. The third division of administration is concerned with the punishment or treatment of those convicted of crime. While the courts usually determine the sentence after conviction, the application of the penalty is carried out by the prison, reformatory, or jail, or by probation or parole officials.

Note.—This section presents data for the most recent year or period available on March 3, 1958, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

Crime.—Nearly all statistical data on crime and criminals are derived from the records and reports of the various agencies engaged in the administration of criminal law. Police statistics present the number of offenses reported, the number of persons arrested, and the offenses cleared by arrest. Arrest records provide data concerning sex, age, race, and other characteristics of the persons arrested and charged with crime. As the police agencies are largely local, a problem is involved in collecting statistical data from the large number of such agencies. The Federal Bureau of Investigation obtains reports from police agencies and publishes summaries for the country as a whole in its semiannual bulletin, *Uniform Crime Reports*. However, in publishing the data submitted by chiefs of police in different cities, the Federal Bureau of Investigation does not vouch for their accuracy. They are issued as information which may throw some light on problems of crime and criminal-law enforcement. The great majority of communities are now reporting to the Federal Bureau of Investigation and the reports received cover about 99 percent of the city (urban) population and 95 percent of the population outside cities (rural) of the United States.

Courts.—Court statistics for criminal offenses and the outcome of the prosecutions for the country are quite incomplete. In many States, an annual or biennial publication presents data on the disposition of criminal cases in the trial courts. The only national compilation of such statistics was made by the Bureau of the Census which annually, until 1945, published data in *Judicial Criminal Statistics* on the disposition of criminal cases in the general trial courts.

Comprehensive information is collected on the business of the Federal courts by the Administrative Office of the United States Courts, and is published in the *Annual Report of the Director*. The bulk of civil litigation in the country is commenced and determined in the various State courts, and only when the United States Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by these courts. The question whether a State court or a Federal court has jurisdiction over a particular civil action is often difficult to determine, but generally speaking the Federal courts have jurisdiction over the following types of cases:

- (1) Suits or proceedings by the United States; (2) Suits or proceedings against the United States; (3) Civil actions between private parties arising under the Constitution, laws, or treaties of the United States; (4) Civil actions between private litigants who are citizens of different States; (5) Civil cases involving admiralty, maritime, or prize jurisdiction; (6) All matters and proceedings in bankruptcy.

The Federal courts of original jurisdiction are known as the United States District Courts, and one or more of these courts is established in every State, Territory, or possession. Appeals from the district courts are taken to intermediate appellate courts of which there are 11. They are known as United States Courts of Appeals. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

Prisoners.—Statistics of prisoners committed to penal institutions have been collected and published for a longer period of time than have other criminal statistics. Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1947 when this work was transferred to the Bureau of Prisons. Summary statistics covering persons received and discharged from State prisons and reformatories and from Federal prisons, and persons executed in the United States under civilian authority are now published periodically by the Bureau of Prisons in *National Prisoner Statistics*. Also, nearly every State publishes annual data either for its whole prison system or for each separate State institution.

FIG. X.—FEDERAL PRISONERS RECEIVED FROM THE COURTS, BY MAJOR OFFENSE GROUPS: 1949 TO 1957

[See table 194]

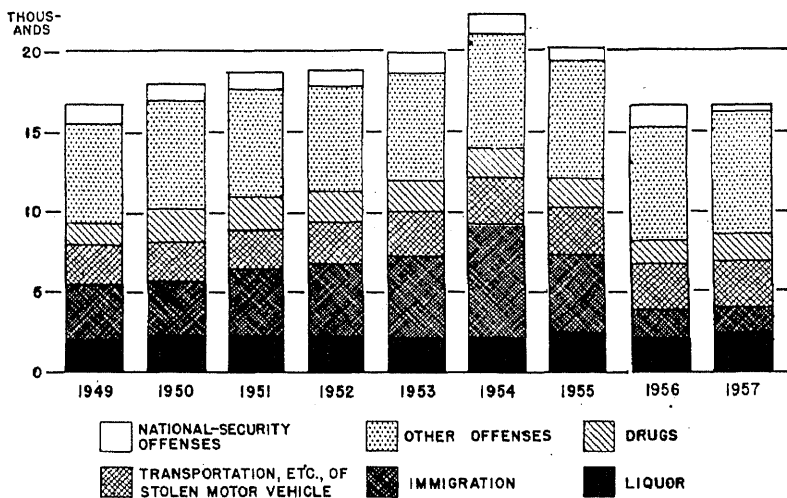
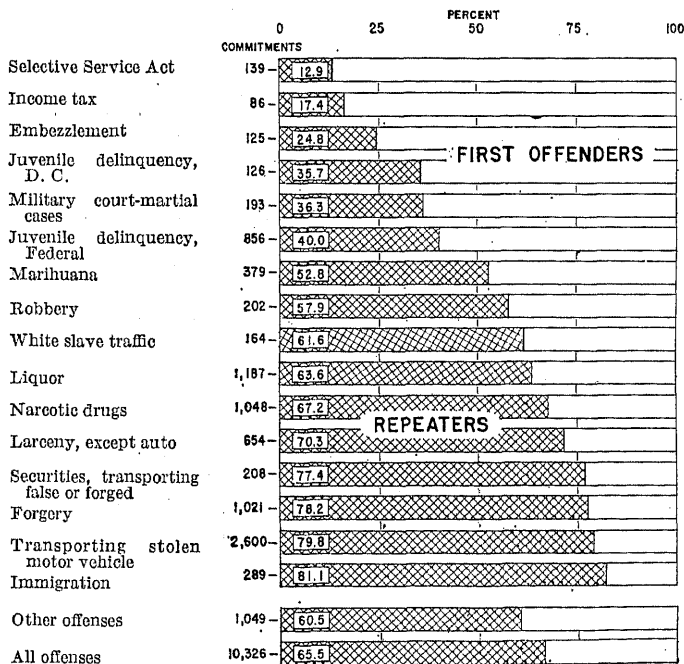


FIG. XI.—PERCENTAGE OF REPEATERS AMONG PRISONERS COMMITTED TO FEDERAL INSTITUTIONS UNDER SENTENCE OF MORE THAN ONE YEAR: 1957

[See table 195]



Source of figs. X and XI: Department of Justice, Bureau of Prisons.

No. 172.—MAJOR CRIMES KNOWN TO THE POLICE, BY TYPE: 1950 TO 1957

[Figures are estimates based on reports from city and rural law enforcement agencies which cover about 90 percent of the urban population and about 68 percent of the rural population]

YEAR	Total	CRIMINAL HOMICIDE		Rape ³	Rob- bery ⁴	Aggra- vated assault, ⁵	Bur- glary— breaking or enter- ing ⁶	Larceny— theft ⁷	Auto theft ⁸
		Murder, nonneg- ligent man- slaugh- ter ¹	Man- slaughter by negli- gence ²						
1950	1,790,030	7,020	5,330	16,580	53,230	80,950	411,980	1,044,160	170,780
1951	1,882,160	6,820	5,510	16,800	52,090	78,640	407,130	1,118,210	195,960
1952	2,036,510	7,210	5,660	17,240	58,140	87,930	422,760	1,202,270	215,310
1953	2,159,080	7,120	5,690	17,900	63,100	92,600	479,120	1,207,020	226,530
1954	2,267,250	6,850	5,410	18,030	67,420	93,540	419,190	1,340,870	215,940
1955	2,262,450	6,880	5,610	19,100	57,490	92,740	492,530	1,360,980	227,150
1956	2,563,150	6,970	5,660	20,300	56,770	95,430	525,720	1,587,590	263,720
1957	2,796,400	6,920	5,740	21,080	61,410	100,110	590,920	1,721,170	289,950

¹ Includes all willful felonious homicides; excludes suicides and justifiable homicides.

² Includes deaths primarily attributable to gross negligence on the part of some individual other than the victim.

³ Includes forcible, statutory (no force used—victim under age of consent), and attempted rape.

⁴ Includes the stealing or taking of anything of value by force or violence or by threat of force or violence; includes attempted robbery.

⁵ Includes assault with intent to kill. Excludes simple assault, assault and battery, fighting, etc.

⁶ Includes any unlawful entry to commit a felony or a theft. Includes attempted burglary and burglary fol-
lowed by larceny.

⁷ Includes theft of property or articles of value (except auto theft) without the use of force and violence or fraud. Excludes larceny resulting from burglary. Larceny refers to articles \$50 and over in value; theft to those under \$50 in value.

⁸ Includes all cases where motor vehicles are driven away and abandoned. Excludes those taken for temporary use when actually returned by the taker.

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

No. 173.—URBAN MAJOR CRIMES, BY TYPE: 1937 TO 1957

[For 1937-55, offenses known to the police in 355 cities with 25,000 inhabitants or more, total population of 44,091,582, based on 1930 Census; for 1956 and 1957, 353 cities; population 42,719,693. For definitions of offenses, see foot-
notes, table 172]

YEAR	Total	CRIMINAL HOMICIDE		Rape	Rob- bery	Aggra- vated assault	Burglary— break- ing or entering	Larceny —theft (except auto theft)	Auto theft
		Murder, nonnegli- gent man- slaughter	Man- slaughter by negli- gence						
1937	605,447	2,479	1,978	3,047	26,696	19,841	137,757	325,974	87,675
1938	613,062	2,133	1,428	2,967	27,836	18,765	158,939	346,178	74,816
1939	637,514	2,223	1,229	3,235	25,347	19,063	145,208	369,442	70,767
1940	661,988	2,208	1,469	3,207	25,269	20,312	140,361	391,812	71,350
1941	661,132	2,295	1,882	3,513	24,212	20,736	138,043	393,615	76,866
1942	619,165	2,278	1,688	3,903	22,903	22,914	123,642	372,664	69,163
1943	604,554	2,030	1,428	4,349	22,636	22,126	127,368	342,337	82,280
1944	621,925	2,141	1,424	4,592	22,301	25,698	132,768	346,060	86,941
1945	702,720	2,361	1,723	5,042	27,671	28,026	156,835	375,488	105,574
1946	745,282	2,629	1,724	5,225	31,028	30,228	171,029	405,829	97,590
1947	708,014	2,535	1,481	5,268	29,395	31,004	164,709	396,798	76,824
1948	704,410	2,533	1,460	4,987	27,850	31,014	163,965	402,543	70,068
1949	734,925	2,332	1,308	5,137	29,693	32,144	173,312	422,583	68,416
1950	736,721	2,370	1,544	4,994	25,909	32,350	170,708	425,325	73,521
1951	779,458	2,302	1,557	5,306	26,086	31,894	189,209	457,977	85,137
1952	809,267	2,471	1,688	5,302	28,644	36,136	181,216	460,921	92,889
1953	845,208	2,439	1,599	5,449	31,813	38,064	191,339	476,771	97,734
1954	876,275	2,352	1,573	5,339	34,139	37,976	206,426	497,201	91,269
1955	884,682	2,410	1,643	5,910	30,675	38,785	202,600	505,011	97,588
1956	1,003,641	2,502	1,766	6,502	31,471	39,439	218,248	586,969	116,744
1957	1,096,337	2,533	1,722	6,752	34,641	39,833	247,845	632,215	130,796

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

No. 174.—URBAN CRIME RATES, BY TYPE, BY STATES: 1956 AND 1957

[Rates based on offenses known per 100,000 population. Population figures used to compute rates based on 1950 Census. Offenses reported by 2,640 cities in 1956 representing an urban population of 80,986,991 for 1950, and 2,781 cities in 1957 representing 81,761,726 for 1950. For definitions of offenses, see footnotes, table 172]

STATE	MURDER, NONNEG- LIGENT MAN- SLAUGHTER		ROBBERY		AGGRAVATED ASSAULT		BURGLARY— BREAKING OR ENTERING		LARCENY— THEFT, EXCEPT AUTO		AUTO THEFT	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
United States.....	5.0	5.1	60.0	64.3	87.4	90.2	449.3	502.9	1,228.4	1,317.8	233.5	254.7
New England.....	1.6	1.4	18.3	19.5	22.3	21.9	318.3	329.6	797.5	849.3	169.5	222.6
Maine.....	1.2	1.2	13.2	9.1	9.1	12.4	234.0	225.7	790.2	1,034.1	126.2	126.7
New Hampshire.....	0.4	0.4	5.2	2.8	5.5	2.8	189.0	181.3	559.3	658.7	66.5	80.9
Vermont.....		0.9		2.8			134.3	138.9	594.7	678.7	55.0	96.7
Massachusetts.....	1.4	1.3	21.4	22.9	19.6	18.2	313.3	311.7	796.5	817.0	197.0	263.6
Rhode Island.....	2.2	1.2	14.0	14.8	26.1	25.2	403.1	451.3	1,078.6	1,127.1	136.1	200.8
Connecticut.....	2.3	2.1	16.8	19.2	37.1	39.4	354.3	370.7	723.7	804.3	146.9	173.3
Middle Atlantic.....	3.0	3.1	50.1	49.9	75.6	83.4	360.4	389.4	786.0	818.7	167.4	178.7
New York.....	3.2	3.2	49.4	45.9	87.8	96.1	378.2	381.4	862.9	874.7	164.8	167.1
New Jersey.....	2.3	2.7	39.7	49.1	54.0	63.9	388.3	457.9	788.6	855.4	193.6	230.2
Pennsylvania.....	3.1	3.1	57.6	57.9	64.6	70.6	308.6	358.2	632.7	688.7	156.8	170.7
East North Central.....	4.8	4.7	77.5	82.3	74.0	70.7	361.8	392.5	1,154.7	1,221.5	189.1	204.3
Ohio.....	5.4	4.9	47.9	60.4	48.2	39.7	327.5	375.3	1,150.1	1,263.6	177.4	205.3
Indiana.....	5.0	3.9	47.7	49.8	41.1	50.7	487.0	486.5	1,354.6	1,496.1	295.2	291.9
Illinois.....	5.9	6.0	114.7	123.6	79.9	78.1	328.7	343.7	718.7	746.1	128.5	133.4
Michigan.....	3.9	4.1	104.6	95.1	138.3	132.9	476.5	534.6	1,727.0	1,735.4	273.9	292.2
Wisconsin.....	1.3	1.7	9.4	10.6	21.9	18.3	185.5	190.1	1,158.3	1,281.1	125.9	152.5
West North Central.....	3.8	3.6	51.3	59.6	48.3	53.9	380.5	435.6	1,312.9	1,381.5	212.6	214.0
Minnesota.....	1.1	1.0	39.7	38.7	7.6	8.8	413.9	402.7	1,280.7	1,251.9	196.6	188.0
Iowa.....	0.9	1.2	10.4	15.0	9.6	9.0	244.8	342.0	1,138.4	1,278.6	106.7	116.8
Missouri.....	7.8	7.3	98.8	126.5	107.1	123.1	461.5	572.1	1,302.2	1,487.5	335.3	334.7
North Dakota.....	1.3		4.5	11.0	3.8	8.4	223.2	189.1	1,371.3	1,502.2	121.2	190.4
South Dakota.....	0.5	1.7	8.7	6.6	7.7	0.6	205.7	204.9	1,001.5	1,067.2	55.0	71.5
Nebraska.....	2.2	2.7	26.6	17.6	28.5	30.5	238.2	247.9	1,196.6	1,153.7	182.4	197.4
Kansas.....	4.5	4.1	42.5	39.5	56.8	59.3	443.2	500.5	1,594.7	1,682.4	149.1	139.8
South Atlantic¹.....	10.0	10.2	56.0	61.4	201.3	197.7	539.6	613.7	1,370.8	1,484.2	285.6	273.7
Delaware.....	10.7	8.4	58.3	56.2	20.5	27.4	589.7	607.3	1,608.9	1,694.8	313.7	232.3
Maryland.....	6.3	8.1	70.5	75.3	107.7	216.2	438.7	394.7	1,151.2	1,168.2	562.9	445.5
Virginia.....	9.1	9.2	68.2	63.5	219.6	203.6	624.4	642.6	1,706.4	1,731.1	305.7	232.7
West Virginia.....	3.9	3.7	30.9	33.3	54.7	90.4	257.6	269.6	607.0	713.4	109.3	126.4
North Carolina.....	11.5	12.3	25.0	28.7	355.3	354.7	379.5	487.2	1,139.1	1,266.1	172.1	186.8
South Carolina.....	9.0	9.1	34.1	32.8	112.5	104.6	540.1	613.5	1,335.4	1,612.4	120.2	171.0
Georgia.....	15.5	13.9	40.8	44.5	169.4	137.0	485.5	590.4	1,187.6	1,366.4	230.3	257.3
Florida.....	11.9	11.6	66.6	87.5	94.1	113.6	928.1	1,093.9	2,090.7	2,198.5	299.9	303.4
East South Central.....	12.0	12.6	47.9	42.6	115.1	113.8	475.0	549.2	948.6	1,037.6	275.1	280.0
Kentucky.....	8.5	8.6	92.1	70.2	131.8	124.5	606.0	642.7	1,376.2	1,287.9	557.8	520.1
Tennessee.....	14.8	12.2	42.3	36.9	101.6	99.8	489.5	584.9	840.3	1,002.7	220.5	240.6
Alabama.....	13.8	16.2	30.2	26.6	128.0	125.2	426.1	518.7	817.8	975.9	182.5	209.1
Mississippi.....	7.6	12.9	19.1	20.6	89.4	103.9	300.6	365.9	723.0	851.6	95.5	107.6
West South Central.....	9.4	9.2	46.6	51.2	101.3	102.7	608.7	690.0	1,501.6	1,658.1	297.9	334.6
Arkansas.....	8.7	7.6	47.3	33.3	126.5	131.6	420.6	453.9	994.2	1,111.6	136.3	133.4
Louisiana.....	9.9	9.6	74.6	78.3	111.5	94.5	478.9	539.9	1,141.9	1,171.7	531.5	507.2
Oklahoma.....	4.2	3.6	28.0	34.5	42.0	48.1	481.2	644.1	1,488.3	1,773.3	215.1	251.5
Texas.....	10.5	10.6	43.2	49.0	109.0	116.4	690.4	769.0	1,652.4	1,830.5	266.4	324.4
Mountain.....	3.8	4.7	65.9	76.4	52.3	55.4	624.2	704.8	2,320.2	2,488.9	364.5	403.3
Montana.....	2.3	2.6	35.7	29.2	43.4	25.8	356.1	335.3	1,187.0	2,221.9	247.1	261.4
Idaho.....	4.0	3.7	22.2	18.8	18.2	14.7	344.4	405.3	320.4	2,284.4	161.1	154.2
Wyoming.....	4.5	2.9	24.1	43.7	15.1	21.8	328.7	371.3	1,305.3	1,356.9	132.4	170.4
Colorado.....	3.5	3.9	97.5	120.7	51.3	47.7	674.5	813.7	2,040.2	2,076.4	390.5	416.4
New Mexico.....	1.7	7.0	35.0	49.0	48.2	66.2	726.3	920.4	517.1	1,342.6	528.0	685.1
Arizona.....	7.3	13.9	99.4	114.6	128.3	182.5	994.0	1,152.7	3,820.2	3,935.0	604.1	811.3
Utah.....	2.8	1.1	19.2	62.8	10.2	34.5	248.4	524.3	1,371.5	2,149.5	152.5	222.1
Nevada.....	5.4	7.5	130.5	142.0	108.7	67.3	1,553.7	1,107.9	3,826.6	3,674.8	909.0	483.9
Pacific.....	4.0	4.2	99.9	115.0	109.2	118.6	757.2	895.0	2,242.1	2,468.1	413.6	482.1
Washington.....	2.5	2.9	44.8	60.7	26.5	19.8	555.1	637.6	2,003.7	2,219.0	313.7	375.0
Oregon.....	2.4	3.6	54.2	63.9	38.8	34.2	443.8	536.3	1,949.8	1,976.4	196.0	261.6
California.....	4.4	4.5	113.8	130.7	130.4	144.3	822.5	976.4	3,111.7	2,561.5	451.9	523.1

¹ Includes District of Columbia, not shown separately.

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

No. 175.—HOMICIDES AND SUICIDES, BY TYPE AND SEX: 1930 TO 1956

ITEM	1930		1940		1950		1955		1956	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Homicide	8,373	2,100	6,647	1,682	6,089	1,853	5,630	1,788	5,705	1,924
Assault by—										
Firearms and explosives.....	5,809	1,186	3,761	894	3,163	1,016	2,870	937	3,029	1,010
Cutting and piercing instruments.....	1,211	342	1,660	404	1,510	369	1,469	357	1,472	382
Other means.....	1,213	570	1,105	384	1,055	466	988	491	914	532
Intervention of police.....	(¹)	(¹)	(¹)	(¹)	280	2	225	2	226	—
Execution.....	140	2	121	—	81	—	78	1	64	—
Suicide	14,319	4,004	14,466	4,441	13,297	3,848	12,061	3,799	12,968	3,759
Poisoning.....	3,468	2,083	3,537	2,086	2,461	1,508	2,189	1,240	2,124	1,243
Hanging and strangulation.....	2,748	520	2,776	778	2,759	833	2,689	902	2,686	682
Firearms and explosives.....	6,088	647	6,310	763	6,371	806	6,808	955	6,891	926
Other.....	2,025	754	1,843	814	1,506	701	1,275	702	1,287	688

¹ Not available.Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

No. 176.—MAJOR CRIMES KNOWN TO THE POLICE, BY URBAN AND RURAL POPULATION GROUPS: 1956 AND 1957

[Population figures based on 1950 Census. For definitions of offenses, see footnotes, table 172]

POPULATION GROUP	Total	CRIMINAL HOMICIDE		Rape	Robbery	Aggravated assault	Burglary—breaking or entering	Larceny— theft (except auto theft)	Auto theft
		Murder, nonnegligent manslaughter	Manslaughter by negligence						
URBAN									
Total, 2,585 cities:									
1956.....	1,672,972	4,003	2,841	11,818	48,397	70,170	362,023	986,448	187,272
1957.....	1,821,248	4,061	2,815	12,259	52,323	72,734	406,117	1,065,038	205,901
Percent change.....	+8.9	+1.4	-0.9	+3.7	+8.1	+3.7	+12.2	+8.0	+9.9
41 cities, 250,000 or more:									
1956.....	802,283	2,265	1,520	7,907	35,183	44,204	183,572	417,843	109,789
1957.....	852,809	2,270	1,548	8,282	37,731	45,684	200,834	438,743	117,707
Percent change.....	+6.3	+0.2	+1.8	+4.7	+7.2	+3.4	+9.4	+5.0	+7.2
64 cities, 100,000 to 250,000:									
1956.....	229,653	554	490	1,111	4,805	7,900	52,015	138,767	24,011
1957.....	254,704	575	402	1,130	5,473	8,616	60,251	150,748	27,509
Percent change.....	+10.9	+3.8	-18.0	+1.7	+13.9	+9.1	+15.8	+8.6	+14.6
124 cities, 50,000 to 100,000:									
1956.....	184,972	364	288	869	2,984	6,806	36,621	118,959	18,081
1957.....	201,194	374	329	821	3,259	6,941	41,944	127,470	20,056
Percent change.....	+8.8	+2.7	+14.2	-5.5	+9.2	+2.0	+14.5	+7.2	+10.9
262 cities, 25,000 to 50,000:									
1956.....	181,874	320	250	703	2,315	4,758	34,938	123,352	15,207
1957.....	201,779	332	292	704	2,561	4,558	39,593	136,488	17,251
Percent change.....	+10.9	+0.9	+8.6	-3	+10.6	-4.2	+13.3	+10.6	+13.4
667 cities, 10,000 to 25,000:									
1956.....	176,212	302	151	719	1,916	4,104	34,408	121,787	12,825
1957.....	197,669	339	144	805	2,092	4,554	39,795	134,984	14,956
Percent change.....	+12.2	+12.3	-4.6	+12.0	+9.2	+11.0	+15.7	+10.8	+16.6
1,427 cities, less than 10,000:									
1956.....	97,978	189	123	506	1,194	2,398	20,469	65,740	7,359
1957.....	113,093	171	100	517	1,207	2,371	23,700	76,605	8,422
Percent change.....	+15.4	-9.5	-18.7	+2.2	+1.1	-1.1	+15.8	+16.5	+14.4
RURAL ¹									
1956.....	310,892	1,755	2,186	5,087	6,737	14,577	99,031	154,780	26,739
1957.....	345,502	1,676	2,282	5,291	7,309	15,194	111,164	172,743	29,843
Percent change.....	+11.1	-4.5	+4.4	+4.0	+8.5	+4.2	+12.3	+11.6	+11.6

¹ Based on reports of 1,394 sheriffs, 153 rural village officers, and 12 State police.Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

No. 177.—OFFENSES KNOWN, OFFENSES CLEARED BY ARREST, PERSONS CHARGED, AND PERSONS FOUND GUILTY IN 211 CITIES OF 25,000 OR MORE: 1956

[Total population of cities covered was 25,003,768, based on 1950 Census. Data on persons found guilty pertain to final dispositions and not the dispositions at any preliminary judicial point]

OFFENSE	OFFENSES—		Persons charged (held for prosecution) ¹	PERSONS FOUND GUILTY—			
	Known to police	Cleared by arrest		Total	Percent of persons charged	Of offense charged	Of lesser offense
Total (part I classes)¹	558,561	151,561	106,709	73,719	69.1	64,411	9,308
Criminal homicide:							
Murder and nonnegligent manslaughter	1,432	1,328	1,340	803	59.9	616	187
Manslaughter by negligence	1,017	854	767	316	41.2	255	61
Rape	3,979	3,002	2,434	1,491	61.3	1,059	432
Robbery	21,370	8,673	6,915	5,386	77.9	4,235	1,151
Aggravated assault	26,022	20,592	14,180	7,385	52.1	5,261	2,124
Burglary—breaking or entering	112,451	33,377	21,513	15,843	72.0	12,879	2,964
Larceny—steal (except auto theft)	326,951	64,371	45,289	33,754	74.5	31,841	1,913
Auto theft	64,729	19,364	14,471	9,241	63.9	8,265	976
Total (part II classes)	(2)	(2)	11,447,927	8,001,188	69.9	7,952,076	49,112
Other assaults	(2)	(2)	43,271	24,935	57.6	23,953	982
Forgery and counterfeiting	(2)	(2)	4,194	3,253	77.6	2,891	362
Embezzlement and fraud	(2)	(2)	9,740	6,515	66.9	6,119	396
Stolen property; buying, receiving, etc.	(2)	(2)	2,114	1,222	57.8	1,132	90
Weapons; carrying, possessing, etc.	(2)	(2)	9,077	6,709	73.9	6,402	307
Sex offenses (including prostitution and commercialized vice)	(2)	(2)	25,487	18,179	71.3	17,504	675
Offenses against family and children	(2)	(2)	15,416	9,212	59.8	8,909	303
Narcotic drug laws	(2)	(2)	5,958	4,290	72.0	4,177	113
Liquor laws	(2)	(2)	21,752	16,973	78.0	16,458	515
Drunkenness; disorderly conduct; vagrancy	(2)	(2)	706,388	512,257	72.5	510,558	1,699
Gambling	(2)	(2)	30,466	20,197	66.3	20,091	106
Driving while intoxicated	(2)	(2)	51,176	44,486	86.9	41,186	3,300
Traffic and motor vehicle laws	(2)	(2)	10,408,141	7,260,879	69.8	7,222,314	38,565
All other offenses	(2)	(2)	114,747	72,081	62.8	70,382	1,699

¹ For definitions of offenses, see footnotes, table 172. ² Not available.

Source: Department of Justice, Federal Bureau of Investigation; semiannual bulletin, *Uniform Crime Reports for the United States*.

No. 178.—JUVENILE DELINQUENCY—POLICE ARRESTS OF CHILDREN UNDER 18, CASES HANDLED BY JUVENILE COURTS, AND TOTAL NUMBER OF CHILDREN 10 TO 17 YEARS OLD: 1940 TO 1957

[Index (1940=100)]

YEAR	CHILDREN UNDER 18 ARRESTED BY POLICE ¹		Juvenile court cases, index ²	CHILDREN, 10 TO 17 YEARS OLD	
	Number	Index		Number ³	Index
1940	35,332	100	100	19,138,000	100
1943	47,884	136	172	18,309,000	96
1944	46,090	132	165	17,738,000	93
1945	49,666	140	172	17,512,000	92
1946	37,833	107	148	17,419,000	91
1947	34,376	97	131	17,344,000	91
1948	31,750	90	127	17,314,000	90
1949	32,922	93	136	17,365,000	91
1950	34,599	98	140	17,397,000	91
1951	37,259	105	149	17,706,000	93
1952	86,128	244	166	18,202,000	95
1953	149,806	424	187	18,981,000	99
1954	163,666	463	198	19,551,000	102
1955	195,026	552	216	20,111,000	105
1956	234,474	664	260	20,624,000	108
1957	253,817	718	302	22,167,000	116

¹ Data for 1940-1951 based on fingerprint records received by the Federal Bureau of Investigation. Data for 1952-1955 based on report forms (including arrests of children who were not fingerprinted) sent in by city police departments in varying number of reporting cities; for example, covers 232 cities in 1952, 1,174 in 1953, etc.

² Beginning 1955, based on data from a representative national sample of juvenile courts; for earlier years, estimated by Children's Bureau. For an explanation of the limitations of juvenile court statistics, see *Juvenile Court Statistics, 1956* (Children's Bureau Statistical Series No. 47).

³ Estimates of civilian population published by the Bureau of the Census in *Current Population Reports*, Series P-25. ⁴ Provisional.

Source: Department of Justice, Federal Bureau of Investigation; and Department of Health, Education, and Welfare, Social Security Administration, Children's Bureau; Department of Commerce, Bureau of the Census.

No. 179.—ARRESTS, BY AGE GROUPS, IN 1,473 CITIES OF 2,500 OR MORE: 1957

[Data for all persons arrested for violations that happened in these reporting cities, covering about 47 percent of the total city population in 1950. Total population 40,176,369, based on 1950 Census. Each person arrested is counted rather than the number of charges that may be filed against one person. Arrest of a juvenile is counted with the offense actually committed even though a technical charge, such as juvenile delinquency, must be filed under local procedure]

OFFENSE CHARGED	Total, all ages	AGE (years)								Not known
		Under 18	18 to 20	21 to 24	25 to 34	35 to 44	45 to 49	50 and over		
Total	2,068,677	253,817	145,872	199,862	482,383	457,286	185,882	342,956	619	
Criminal homicide:										
Murder and nonnegligent man- slaughter.....	2,007	133	198	228	621	466	148	273	-----	
Manslaughter by negligence.....	1,238	74	127	180	356	261	81	159	-----	
Robbery.....	11,820	3,124	2,163	2,316	2,887	975	176	179	-----	
Aggravated assault.....	23,206	2,091	1,898	3,101	7,509	5,193	1,471	2,062	1	
Other assaults.....	81,749	6,052	6,038	11,697	28,615	18,251	4,994	6,088	14	
Burglary—breaking or entering.....	51,398	28,179	6,795	5,243	6,844	2,938	690	700	9	
Larceny—thft.....	102,476	52,550	11,443	8,183	13,680	8,534	2,847	5,134	55	
Auto theft.....	29,121	19,682	3,790	2,176	2,241	911	147	166	8	
Embezzlement and fraud.....	16,168	454	688	1,953	6,173	4,340	1,175	1,383	2	
Stolen property; buying, receiving, etc.....	3,869	1,249	484	467	755	551	141	222	-----	
Forgery and counterfeiting.....	8,288	659	819	1,266	2,958	1,709	389	486	2	
Rape.....	4,780	932	1,178	997	1,071	389	90	123	-----	
Prostitution and commercialized vice.....	12,694	122	982	2,640	5,063	2,520	589	775	3	
Other sex offenses.....	20,968	3,417	1,839	2,881	6,007	3,798	1,177	1,854	-----	
Narcotic drug laws.....	7,277	219	708	1,581	3,284	947	253	285	-----	
Weapons; carrying, possessing, etc.....	16,864	2,998	2,164	2,522	4,509	2,726	805	1,139	1	
Offenses against family and children.....	22,444	289	1,371	3,258	9,008	5,066	1,376	1,475	1	
Liquor laws.....	43,347	7,125	9,120	3,182	7,651	7,786	3,095	5,384	4	
Driving while intoxicated.....	101,099	665	3,811	10,968	30,138	28,748	11,082	15,683	4	
Disorderly conduct.....	241,167	26,029	25,734	33,988	67,085	48,987	15,697	23,587	10	
Drunkenness.....	832,268	6,779	21,671	52,427	179,416	236,821	111,763	223,059	332	
Vagrancy.....	69,520	4,705	5,799	6,513	13,746	14,505	7,234	17,014	4	
Gambling.....	50,462	615	1,329	3,852	14,323	14,109	5,496	10,731	7	
Suspicion.....	84,645	15,972	14,266	13,686	21,123	11,221	3,379	4,993	5	
All other offenses.....	229,742	69,703	21,527	24,557	47,320	34,939	11,587	19,952	157	

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

No. 180.—U. S. SUPREME COURT—CASES FILED AND DISPOSITION DURING OCTOBER
TERMS: 1940 TO 1956

[For years beginning in June. Statutory term of Court begins first Monday in October, but for statistical purposes new term begins upon adjournment of preceding term, usually in June]

ACTION	1940	1945	1950	1952	1953	1954	1955	1956
Total cases:								
Filed.....	977	1,316	1,181	1,283	1,302	1,397	1,644	1,802
Disposed of.....	985	1,292	1,202	1,278	1,293	1,352	1,630	1,670
Remaining on docket.....	124	168	119	151	160	205	219	351
Original cases filed.....	4	1	-----	2	-----	-----	4	3
Appeals filed.....	84	64	77	87	81	87	104	123
Pauper appeals filed.....	-----	-----	-----	-----	-----	8	17	24
Petitions for review:								
Filed.....	769	727	582	655	603	626	787	851
Granted.....	174	155	89	104	78	108	123	139
Denied or dismissed.....	592	565	495	541	522	532	643	664
Pauper petitions for review:								
Filed.....	120	393	404	434	528	543	583	639
Granted.....	19	15	17	11	10	12	16	38
Denied or dismissed.....	101	378	386	429	507	494	579	584
Motions for leave to file various writs:								
Filed.....	-----	131	118	105	90	133	149	162
Granted.....	-----	-----	-----	-----	-----	-----	2	-----
Denied or dismissed.....	-----	131	121	104	92	126	155	153
Method of disposition of cases by—								
Written opinions (number of cases).....	195	170	114	122	84	86	103	112
Number of written opinions.....	165	134	91	104	65	78	82	100
Court opinions not signed by an individual Justice.....	86	45	77	71	86	102	127	134
Fitzel decrees—original cases.....	1	-----	5	-----	-----	-----	4	3
Denial or dismissal of petitions for review.....	693	943	881	970	1,029	1,026	1,222	1,248
Denial or withdrawal of motions to file various writs.....	-----	131	121	104	92	126	155	153
Dismissal of pauper appeals.....	-----	-----	-----	-----	-----	8	16	20
Motion to dismiss or per stipulation.....	10	3	4	11	2	4	3	3

¹ Includes 2 cases argued on rehearing and decided by 1 opinion, not included in total cases filed and disposed of.
² Includes 1 case disposed of on rehearing, not included in total cases filed and disposed of.

Source: Administrative Office of the U. S. Courts; *Annual Report of the Director*.

No. 181.—U. S. COURTS OF APPEALS—CASES FILED: 1940 TO 1957

[For years ending June 30]

CASES	1940	1945	1950	1952	1953	1954	1955	1956	1957
Total cases ¹	3,595	2,730	2,830	3,079	3,226	3,481	3,695	3,588	3,701
Appeals from courts.....	2,561	2,168	2,290	2,410	2,522	2,715	3,049	2,930	3,017
Administrative appeals, total.....	800	511	485	610	639	659	576	609	618
Federal Trade Commission.....	23	26	8	20	25	11	25	23	19
National Labor Relations Board.....	306	108	167	244	285	294	178	166	201
The Tax Court of the United States.....	414	331	239	257	252	271	272	254	255
Other administrative appeals.....	57	46	71	89	77	83	101	166	143

¹ Includes some miscellaneous original proceedings which are neither appeals from courts nor administrative appeals.

Source: Administrative Office of the U. S. Courts; *Annual Report of the Director*.

No. 182.—U. S. DISTRICT COURTS—CIVIL CASES FILED: 1941 TO 1957

[For years ending June 30. Excludes district courts in D. C., Alaska, Canal Zone, Guam, and Virgin Islands]

TYPE OF CASE	1941 ¹	1945 ¹	1950	1952	1953	1954	1955	1956	1957
Total	28,909	52,144	44,454	47,734	52,674	48,182	48,308	51,284	53,343
U. S. cases	14,544	42,087	21,854	22,243	23,166	19,167	19,504	20,600	19,227
U. S. plaintiff:									
Land condemnation.....	1,783	1,253	759	991	982	706	710	820	810
Rationing, price, and rent control (OPA-OHE).....		28,283	5,252	3,283	2,695	56	27	7	2
Defense Production Act 1950 ²				2,116	1,069	42	6	5	1
Forfeiture:									
Food and drug.....	2,265	3,415	1,582	1,816	1,527	1,212	1,085	903	912
Liquor laws.....	569	593	517	683	551	687	419	397	415
Negotiable instruments.....	3,206	1,639	4,156	3,654	4,245	5,814	5,684	5,717	5,871
Other contracts.....	341	301	2,029	1,539	2,650	3,004	3,718	4,809	3,290
Other U. S. plaintiff.....	4,492	2,912	3,431	3,503	3,644	3,290	3,939	3,899	3,958
U. S. defendant:									
Habeas corpus (not including deportations).....	318	475	409	406	346	395	362	420	339
Admiralty.....	36	2,016	468	502	691	582	388	310	191
Tax suits.....	779	462	896	1,058	1,051	863	905	1,038	1,141
Federal Tort Claims Act.....			1,013	822	1,041	1,118	854	915	1,057
Other.....	755	738	1,342	1,870	2,474	1,398	1,407	1,351	1,240
Private cases	14,365	10,057	22,600	25,491	29,508	29,015	28,804	30,684	34,116
Federal question.....	5,427	3,563	6,743	7,622	8,928	7,492	7,117	7,602	8,143
Antitrust laws.....	110	26	155	255	207	159	206	225	184
Copyright.....	560	133	164	194	199	208	284	297	357
Patent.....	953	226	689	519	557	578	667	636	623
Trade-mark.....	173	91	204	178	192	193	210	247	243
Employers' Liability Act.....	100	412	1,084	1,231	1,316	1,282	1,363	1,327	1,358
Fair Labor Standards Act.....	816	597	245	224	215	182	151	125	173
Habeas corpus.....	127	536	560	541	548	597	660	734	778
Jones Act.....	949	384	1,716	2,227	2,463	2,253	2,067	2,392	2,712
Rationing, price, and rent control (OPA-OHE-Def. Prod. Act 1950).....		384	631	521	527	251	8	4	3
Other.....	1,639	774	1,295	1,732	2,704	1,789	1,501	1,615	1,712
Diversity of citizenship.....	7,286	5,288	13,124	15,125	17,374	18,598	19,121	20,524	23,223
Contract.....	2,685	2,141	4,862	4,869	5,624	6,484	6,660	7,216	7,581
Tort.....	3,631	2,763	7,572	9,696	11,170	11,503	11,842	12,562	14,954
Other.....	970	364	690	560	580	611	629	746	688
Admiralty	1,652	1,226	2,733	2,744	3,206	2,925	2,566	2,558	2,750

¹ Excludes Hawaii and Puerto Rico.

² Excludes rent control cases which are included with rationing, price, and rent control.

Source: Administrative Office of the U. S. Courts; *Annual Report of the Director*.

No. 183.—U. S. DISTRICT COURTS—TRIALS BEGUN: 1945 TO 1957

[For years ending June 30. For purposes of this table, a trial was defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence was introduced and final judgment sought]

TYPE OF TRIAL	1945	1950	1951	1952	1953	1954	1955	1956	1957
Total	9,779	9,572	9,878	10,073	10,768	11,275	11,138	11,198	10,443
Civil trials.....	5,265	6,539	6,962	6,668	6,861	6,958	7,049	7,341	6,884
Non-jury.....	3,561	4,276	4,402	4,179	4,272	4,182	4,110	3,810	3,595
Jury.....	1,704	2,263	2,470	2,489	2,589	2,776	2,939	3,531	3,289
Criminal trials.....	4,514	3,033	2,916	3,405	3,907	4,317	4,089	3,857	3,559
Non-jury.....	1,503	961	1,035	1,167	1,361	1,493	1,351	1,319	1,214
Jury.....	3,011	2,072	1,881	2,238	2,546	2,824	2,738	2,538	2,345

Source: Administrative Office of the U. S. Courts; *Annual Report of the Director*.

No. 184.—U. S. DISTRICT COURTS—CIVIL CASES TERMINATED, BY BASIS OF JURISDICTION AND MAJOR NATURE OF SUIT GROUPS: 1957

[For year ending June 30. Excludes district courts in D. C., Alaska, Canal Zone, Guam, and Virgin Islands. Excludes data for land condemnation cases]

BASIS OF JURISDICTION AND NATURE OF SUIT	Total	JUDGMENT WITHOUT CONTEST OR BY CONSENT					CONTESTED JUDGMENT—			
		Dis-mitted for want of prosecution	De-fault judgment	Con-sent judgment	Con-sent dismissal	Other disposition	By decision of court before trial	After non-jury trial	By court during jury trial	On jury verdict
Total cases	51,597	1,288	7,777	6,390	25,493	1,866	4,049	2,603	216	1,915
United States cases.....	19,677	268	7,195	2,163	6,273	539	1,931	1,197	11	100
Private cases.....	31,920	1,020	582	4,227	19,220	1,327	2,118	1,406	205	1,815
United States plaintiff	14,991	159	7,190	1,875	4,092	305	848	473	7	42
Enforcement of Federal statutes:										
Rent control—OHE.....	117	56	2	9	35	3	7	5		
Fair Labor Standards Act.....	693	2	24	388	181	4	48	39		7
Other enforcement suits.....	673	10	263	90	155	5	97	53		
Forfeitures:										
Food and drug.....	892	4	505	246	57	11	65	3		1
Liquor.....	418	1	99	79	44	6	74	108	1	6
Other forfeitures.....	197		89	29	39	2	18	19		1
Contract actions:										
Negotiable instruments.....	5,780	33	3,921	404	1,236	16	89	77		4
Other contracts.....	3,652	32	1,719	148	1,495	26	148	73	3	8
Other U. S. plaintiff.....	2,569	21	568	482	850	232	302	96	3	15
United States defendant	4,686	109	5	288	2,181	234	1,083	724	4	58
Habeas corpus.....	450	9		1	90	4	298	48		
Tort Claims Act.....	934	26		158	428	36	59	222		5
Tax suits.....	1,185	7	2	23	635	107	136	232	2	41
Other U. S. defendant.....	2,117	67	3	106	1,028	87	590	222	2	12
Federal question	7,970	311	106	567	5,036	161	1,109	347	28	305
Copyright.....	328	18	40	35	203	4	20	8		
Employers' Liability Act.....	1,311	25		42	1,008	34	22	11	10	159
Fair Labor Standards Act.....	187	14		18	109	3	14	24	1	4
Habeas corpus.....	814	10		1	80	2	693	28		
Jones Act.....	2,525	104	2	122	2,061	53	44	30	6	103
Miller Act.....	493	13	8	54	354	7	22	31		4
Patent.....	609	28	7	122	312	17	25	95	2	1
Other Federal question.....	1,703	99	49	173	909	41	269	120	9	34
Diversity of citizenship	21,221	615	419	3,490	12,133	1,028	947	904	177	1,508
Contracts:										
Insurance.....	3,514	29	22	1,860	944	116	139	172	22	210
Other contracts.....	3,712	147	304	486	1,938	105	301	289	21	121
Real property.....	822	29	15	46	249	37	45	85	1	15
Torts:										
Personal injury, motor vehicle.....	7,996	212	35	683	5,460	469	217	139	50	731
Personal injury, other negligence.....	3,940	136	3	296	2,668	184	124	122	64	343
Other diversity.....	1,537	62	40	119	874	117	121	97	19	88
Admiralty	2,729	94	57	170	2,051	138	62	155		2

Source: Administrative Office of the U. S. Courts; *Annual Report of the Director*.

No. 185.—U. S. DISTRICT COURTS—CRIMINAL PROCEEDINGS COMMENCED, BY MAJOR OFFENSE GROUPS: 1954 TO 1957

[For years ending June 30. Figures for defendants are smaller in some instances than corresponding figures for cases, because defendants appearing in more than one case have been counted only once.]

NATURE OF PROCEEDING AND OFFENSE	1954		1955		1956		1957	
	Cases	Defend- ants	Cases	Defend- ants	Cases	Defend- ants	Cases	Defend- ants
Total.....	41,808	47,883	35,310	41,149	28,739	34,284	28,120	34,309
Proceeding commenced by—								
Indictment.....	17,111	21,660	14,314	18,625	14,062	18,393	14,536	19,111
Information—indictment waived.....	8,273	8,949	8,722	9,370	7,670	8,099	7,619	8,242
Information—other.....	16,344	17,185	12,148	13,025	7,002	7,694	5,842	6,837
All other proceedings.....	80	89	126	129	105	98	123	110
Offense:								
Transportation, etc., of stolen motor vehicles.....	3,413	3,944	3,603	4,145	3,250	3,762	3,534	4,063
Larceny, fraud, and other theft ¹	8,550	9,849	8,882	10,113	9,267	10,342	9,233	10,525
White slave traffic.....	367	412	316	349	277	292	242	247
Narcotics.....	1,870	2,352	1,684	2,180	1,480	2,022	1,605	2,218
Liquor, Internal Revenue.....	3,738	5,641	3,968	5,965	4,038	5,993	4,131	6,134
Other liquor.....	88	100	31	38	26	32	40	49
Antitrust violations.....	10	97	16	190	24	143	18	170
Food and Drug Act.....	283	465	342	589	277	450	226	377
Immigration laws.....	15,797	15,994	9,686	9,743	3,628	3,613	2,302	2,346
Impersonation of Federal officer.....	173	173	177	180	220	214	184	181
Juvenile delinquency.....	1,171	1,438	1,040	1,235	1,131	1,398	1,269	1,508
Migratory bird laws.....	405	528	624	839	569	644	511	737
Motor Carrier Act.....	189	250	297	347	270	318	316	356
National defense laws:								
Selective Service Acts.....	1,017	1,015	466	477	251	250	304	303
Illegal use of uniform.....	161	157	112	109	137	137	105	103
Other ²	230	350	125	164	77	101	53	75
All other U. S. offenses.....	1,892	2,558	1,924	2,405	1,768	2,168	1,862	2,340
Offenses: local,³ on U. S. reservations and high seas:								
Robbery.....	248	313	193	220	169	215	158	228
Assault.....	209	311	203	191	262	263	288	201
Burglary.....	409	379	344	329	403	425	381	442
Larceny.....	382	390	313	341	340	370	375	405
Rape and other sex offenses.....	253	247	210	215	206	220	190	215
All other local, etc., offenses.....	863	920	754	775	769	912	793	936

¹ Includes burglary, embezzlement, forgery, income tax violations, theft, etc., interstate commerce and transportation, etc., of stolen property.

² Comprises treason, espionage, sabotage, sedition, and other offenses directly associated with national defense.

³ District of Columbia, Alaska, Canal Zone, Guam, and Virgin Islands.

Source: Administrative Office of the U. S. Courts; *Annual Report of the Director*.

**No. 186.—U. S. DISTRICT COURTS—CRIMINAL DEFENDANTS DISPOSED OF, BY
MAJOR OFFENSE GROUPS: 1957**

[For year ending June 30. Excludes district courts in D. C., Alaska, Canal Zone, Guam, and Virgin Islands]

NATURE OF OFFENSE	Total	NOT CONVICTED			CONVICTED AND SENTENCED					
		Total	Dis- missed	Acquit- ted	Total	Pleas of guilty or nolo	Con- victed	Type of sentence		
								Im- prison- ment	Probation and sus- pended sen- tence	Fine only
Total (excluding juvenile delinquency) ¹	29,725	3,471	2,366	1,105	26,254	23,867	2,387	12,986	10,760	2,508
Transportation, etc., of stolen motor vehicles.....	3,944	251	187	64	3,693	3,532	161	2,678	1,013	2
Larceny, fraud, and other theft ²	10,140	1,096	784	312	9,044	8,508	536	3,638	4,852	554
White slave traffic.....	272	56	30	26	216	159	57	180	32	4
Narcotics.....	1,910	256	184	72	1,654	1,264	390	1,432	220	2
Liquor, Internal Revenue.....	6,054	836	491	345	5,218	4,484	734	2,130	2,840	248
Other liquor.....	41	14	9	5	27	20	7	9	14	4
Antitrust violations.....	153	53	13	40	100	93	7	-----	2	98
Food and Drug Act.....	369	36	34	2	333	319	14	9	91	233
Immigration laws.....	2,287	106	84	22	2,181	2,154	27	1,449	668	64
Impersonating Federal officer.....	167	15	13	2	152	141	11	93	57	2
Migratory bird laws.....	706	63	43	20	643	607	36	38	44	561
Motor Carrier Act.....	347	16	14	2	331	325	6	-----	11	320
National defense laws: Selective Service Acts.....	357	95	75	20	262	183	79	194	68	-----
Illegal use of uniform.....	103	7	4	3	96	93	3	36	54	6
Other ³	77	21	18	3	56	48	8	12	15	29
Counterfeiting.....	123	13	7	6	110	99	11	65	45	-----
All other U. S. offenses.....	2,041	451	324	127	1,590	1,355	235	737	510	337
Offenses committed on U. S. reservations and high seas.....	634	86	52	34	548	483	65	286	218	44
Juvenile delinquency.....	1,559	73	60	13	1,486	-----	1,486	812	674	-----

¹ Juvenile delinquency cases excluded from totals because proceedings differ in nature from ordinary court trial and because Attorney General has power to designate any public or private agency for custody of juvenile during period for which he is committed.

² See footnote 1, table 185.

³ See footnote 2, table 185.

Source: Administrative Office of the U. S. Courts; *Annual Report of the Director*.

No. 187.—LEGAL PROFESSION—LAWYERS, BY SEX, AGE, EDUCATION, AND STATUS IN PRACTICE: 1954

[Includes data for Alaska and Hawaii. Data based on 1955 edition of Martindale-Hubbell Law Directory]

ITEM	Total lawyers	IN CITIES ¹ HAVING—		ITEM	Total lawyers	IN CITIES ¹ HAVING—	
		200,000 inhabitants or more	Less than 200,000			200,000 inhabitants or more	Less than 200,000
Total ²	241,514	126,041	115,473	Status in practice: ⁴			
Total reporting ³	221,600	115,891	105,709	Government service.....	21,279	8,360	12,919
Male.....	216,564	112,872	103,692	Federal.....	9,040	5,536	3,504
Female.....	5,036	3,019	2,017	State.....	8,561	871	2,590
Age:				City or county.....	8,678	1,853	6,825
Under 30 years.....	19,100	9,719	9,381	Judicial.....	7,903	1,853	6,050
30 to 39 years.....	54,793	26,642	23,151	Federal.....	5,041	264	357
40 to 49 years.....	58,526	31,673	28,853	City or county.....	2,241	511	1,730
50 to 59 years.....	42,163	23,656	18,508	Private practice.....	189,423	97,131	92,292
60 to 69 years.....	25,266	12,873	12,398	Individual.....	127,389	65,818	61,571
70 to 79 years.....	12,932	5,684	7,248	Partner.....	51,668	24,543	27,125
80 years and over.....	3,221	1,164	2,057	Associate.....	10,306	6,770	3,596
Unknown.....	5,599	4,481	1,118	Salaried.....	16,648	10,806	5,842
Education:				Private industry.....	15,063	10,093	4,970
Attended college.....	171,687	88,287	83,400	Educational institution.....	1,351	579	772
College degree.....	107,617	57,935	49,682	Other private employment.....	234	134	100
Attended law school.....	194,273	103,998	90,275	Inactive or retired.....	6,581	2,815	3,766
Law degree.....	170,597	92,842	77,755				
Unknown.....	18,695	9,732	8,963				

¹ According to the 1950 Census of Population.

² Includes lawyers not reporting and an estimated adjustment (subtraction) to account for duplications.

³ Includes 4,440 duplications.

⁴ If more than one subentry was applicable the individual was tabulated in each.

Source: American Bar Foundation; *Lawyers in the United States—Distribution and Income*, Part I (copyright 1956).

No. 188.—AVERAGE NET INCOME OF LAWYERS, BY AGE AND NUMBER OF YEARS IN PRACTICE: 1954

[Based on sample; see source. Based on total net income received, classified by major source of income. For definition of median, see headnote, table 24]

AGE AND YEARS IN PRACTICE	ALL LAWYERS			MAJOR SOURCE OF INCOME					
	Percent in each group	Net income		Percent in each group	Independent practice		Percent in each group	Salaried practice	
		Mean	Median		Mean	Median		Mean	Median
Total.....	100.0	\$10,218	\$7,833	100.0	\$10,294	\$7,554	100.0	\$10,068	\$8,229
AGE									
Under 25 years.....	(1)	(2)	(2)	(1)	(2)	(2)			
25 to 29 years.....	5.7	5,276	5,099	4.7	4,966	4,342	7.9	5,641	5,460
30 to 34 years.....	15.5	6,750	6,166	12.0	6,656	5,679	22.4	6,849	6,392
35 to 39 years.....	14.0	8,925	7,827	13.8	8,962	7,743	14.5	8,855	7,908
40 to 44 years.....	14.6	11,356	9,371	15.3	11,376	9,146	13.1	11,310	9,726
45 to 49 years.....	15.5	12,152	9,496	16.2	12,075	9,257	14.3	12,323	9,974
50 to 54 years.....	12.0	12,844	9,728	12.7	12,651	9,046	10.5	13,308	10,562
55 to 59 years.....	7.2	12,874	9,366	7.5	12,739	8,650	6.5	13,183	10,288
60 to 64 years.....	6.1	12,193	8,897	6.3	11,973	7,500	5.6	12,686	10,194
65 and over.....	9.4	9,046	6,474	11.5	8,551	5,391	5.3	11,174	9,600
YEARS IN PRACTICE									
Under 5 years.....	11.9	5,030	4,856	9.3	4,317	3,359	16.9	5,815	5,520
5 to 9 years.....	20.7	7,688	7,020	18.3	7,652	6,730	25.4	7,742	7,193
10 to 14 years.....	9.4	9,741	8,706	9.1	9,596	8,194	9.9	10,006	9,010
15 to 19 years.....	11.9	11,676	9,775	12.4	11,609	9,414	10.8	11,602	10,167
20 to 24 years.....	13.9	12,118	9,863	14.7	11,944	9,424	12.4	12,530	10,488
25 to 29 years.....	12.6	13,181	9,839	13.8	13,026	9,380	10.4	13,591	10,375
30 to 34 years.....	7.1	13,095	9,200	7.6	12,785	8,233	6.1	13,873	10,385
35 to 39 years.....	4.2	13,029	9,262	4.7	12,794	8,250	3.3	13,695	10,875
40 to 44 years.....	4.3	12,309	9,278	4.9	12,269	8,536	3.1	12,435	10,550
45 or more.....	4.2	8,668	6,417	5.4	8,152	5,682	1.7	11,867	11,500

¹ Less than 0.05 percent.

² Too few cases reported to provide reliable results.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, December 1956.

**No. 189.—LEGAL PROFESSION—LAWYERS REPORTING, 1948, 1951, AND 1954,
AND MEDIAN NET INCOME, 1954, BY STATES AND TERRITORIES**

[Data based on 1949, 1952, and 1955 editions of Martindale-Hubbell Law Directory, except as noted]

STATE OR TERRITORY	1948	1951	1954						Median net income ¹	
			Total	Male	In private practice	In government or judicial service	With law degree		All lawyers	In salaried practice
Total².....	171,110	204,111	221,600	216,564	189,423	29,182	170,597		\$7,833	\$8,229
Alabama.....	1,692	2,098	2,151	2,113	1,816	428	1,670	7,500	(4)	(4)
Arizona.....	669	865	1,027	1,002	874	156	773	(4)	(4)	(4)
Arkansas.....	1,478	1,628	1,680	1,651	1,446	349	1,024	(4)	(4)	(4)
California.....	10,744	14,577	16,543	16,012	14,291	1,954	12,062	9,289	8,853	8,853
Colorado.....	1,584	2,122	2,450	2,405	2,077	339	2,087	7,375	5,750	5,750
Connecticut.....	2,013	2,515	2,945	2,915	2,527	329	2,339	9,438	(4)	(4)
Delaware.....	249	316	361	358	229	34	308	(4)	(4)	(4)
District of Col.....	4,702	6,637	8,030	7,606	4,875	2,743	7,053	8,886	8,631	8,631
Florida.....	2,949	4,165	5,397	5,272	4,897	826	4,575	5,833	6,750	6,750
Georgia.....	2,690	3,686	3,962	3,867	3,351	652	2,755	6,550	(4)	(4)
Idaho.....	459	579	614	609	515	134	458	(4)	(4)	(4)
Illinois.....	14,144	16,643	16,482	16,120	14,005	1,558	13,491	9,250	10,096	10,096
Indiana.....	3,781	4,119	4,308	4,224	3,663	701	3,179	7,827	(4)	(4)
Iowa.....	2,883	3,261	3,314	3,249	2,810	526	2,360	6,278	(4)	(4)
Kansas.....	1,823	2,220	2,373	2,337	2,085	489	1,923	6,750	6,700	6,700
Kentucky.....	2,569	3,009	2,975	2,937	2,560	547	2,059	6,438	(4)	(4)
Louisiana.....	2,190	2,730	3,061	2,986	2,613	405	2,295	7,958	(4)	(4)
Maine.....	767	887	923	904	852	198	569	(4)	(4)	(4)
Maryland.....	2,801	3,320	3,637	3,563	3,087	295	2,963	8,250	8,375	8,375
Massachusetts.....	6,950	7,788	8,168	7,954	7,374	693	6,323	7,615	7,650	7,650
Michigan.....	5,501	6,561	7,079	6,921	5,977	937	5,779	8,725	9,375	9,375
Minnesota.....	3,167	3,600	3,814	3,748	3,145	602	2,927	7,625	8,350	8,350
Mississippi.....	1,868	1,606	1,838	1,811	1,594	335	1,210	(4)	(4)	(4)
Missouri.....	4,934	5,802	6,141	6,023	4,972	801	4,761	7,357	6,900	6,900
Montana.....	620	794	847	831	708	198	609	(4)	(4)	(4)
Nebraska.....	1,823	2,079	2,163	2,124	1,733	431	1,581	5,950	(4)	(4)
Nevada.....	262	313	336	331	307	67	249	(4)	(4)	(4)
New Hampshire.....	410	492	531	518	462	112	384	(4)	(4)	(4)
New Jersey.....	5,827	7,042	7,372	7,225	6,720	673	4,739	8,542	8,458	8,458
New Mexico.....	439	617	698	694	607	141	552	(4)	(4)	(4)
New York.....	28,618	33,206	35,360	34,443	31,729	2,459	27,356	8,470	9,800	9,800
North Carolina.....	2,400	2,714	3,009	2,973	2,566	554	1,726	6,650	(4)	(4)
North Dakota.....	509	663	632	620	515	153	456	(4)	(4)	(4)
Ohio.....	9,525	11,020	12,310	12,069	10,663	1,268	9,597	7,685	7,338	7,338
Oklahoma.....	3,379	3,740	3,948	3,831	3,109	646	2,713	7,500	7,462	7,462
Oregon.....	1,604	1,922	2,115	2,080	1,834	320	1,658	9,083	8,150	8,150
Pennsylvania.....	8,763	9,526	10,228	10,078	9,108	885	7,790	9,260	9,444	9,444
Rhode Island.....	719	800	909	900	835	92	710	(4)	(4)	(4)
South Carolina.....	1,150	1,399	1,486	1,472	1,290	257	1,116	(4)	(4)	(4)
South Dakota.....	625	740	738	721	637	241	542	(4)	(4)	(4)
Tennessee.....	2,750	3,284	3,457	3,399	2,922	514	2,801	6,194	(4)	(4)
Texas.....	8,223	9,997	10,636	10,417	8,719	1,494	7,812	7,426	8,400	8,400
Utah.....	637	838	876	857	752	153	712	(4)	(4)	(4)
Vermont.....	354	393	403	395	350	77	235	(4)	(4)	(4)
Virginia.....	2,590	3,515	3,775	3,698	3,214	728	2,690	7,429	8,643	8,643
Washington.....	2,429	2,967	3,230	3,152	2,747	431	2,672	7,656	7,167	7,167
West Virginia.....	1,381	1,622	1,646	1,624	1,464	259	1,341	(4)	(4)	(4)
Wisconsin.....	3,420	4,215	4,688	4,623	4,028	792	3,974	6,750	6,812	6,812
Wyoming.....	286	380	432	422	344	98	344	(4)	(4)	(4)
Alaska.....	69	94	124	119	102	17	84	(4)	(4)	(4)
Hawaii.....	191	255	369	361	305	91	311	(4)	(4)	(4)

¹ See headnote, table 188. Data from Department of Commerce, Office of Business Economics, *Survey of Current Business*, December 1956.

² Includes 3,242 duplications for 1948, 4,148 for 1951, and 4,440 for 1954.

³ See footnote 4, table 187.

⁴ Not available.

No. 190.—STATE AND FEDERAL PRISONS—PRISONERS PRESENT AND PRISONERS RECEIVED, BY TYPE OF INSTITUTION: 1939 TO 1956

[Rate per 100,000 of estimated civilian population. Includes reformatories]

YEAR	PRESENT AT END OF YEAR						RECEIVED FROM COURTS					
	All institutions		Federal institutions		State institutions		All institutions		Federal institutions		State institutions	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1939.....	179,047	137.1	19,730	15.1	159,317	122.0	(1)	(1)	(1)	(1)	(1)	(1)
1940.....	172,930	131.4	19,200	14.6	153,720	116.8	72,378	55.0	15,109	11.5	57,269	43.5
1941.....	164,759	125.2	18,465	14.0	146,294	111.2	68,020	51.7	15,350	11.7	52,670	40.0
1942.....	149,788	114.4	16,623	12.7	133,165	101.7	58,262	44.5	13,725	10.5	44,537	34.0
1943.....	136,637	107.2	16,113	12.6	120,524	94.5	49,499	38.8	12,203	9.6	37,296	29.3
1944.....	131,884	104.1	18,139	14.3	113,745	89.8	49,690	39.2	14,047	11.1	35,643	28.1
1945.....	133,104	104.3	18,638	14.6	114,466	89.7	52,667	41.3	14,171	11.1	38,496	30.2
1946.....	139,430	100.8	17,622	12.7	121,808	88.0	60,653	43.8	14,950	10.8	45,703	33.0
1947.....	150,443	105.5	17,146	12.0	133,297	93.5	63,874	44.8	12,948	9.1	50,926	35.7
1948.....	155,086	106.8	16,328	11.2	138,758	95.6	62,805	43.3	12,430	8.6	50,375	34.7
1949.....	163,042	110.5	16,868	11.4	146,174	99.0	68,129	46.2	13,130	8.9	54,999	37.3
1950.....	165,496	110.2	17,134	11.4	148,362	98.8	68,846	45.8	14,237	9.5	54,609	36.4
1951.....	164,896	109.1	17,395	11.5	147,501	97.6	66,380	43.9	14,120	9.3	52,260	34.6
1952.....	167,374	109.1	18,014	11.7	149,360	97.4	69,986	45.6	15,305	10.0	54,681	35.7
1953.....	172,729	111.4	19,363	12.5	153,366	98.9	73,299	47.3	16,376	10.6	56,923	36.7
1954.....	182,051	114.4	20,003	12.6	162,048	101.9	79,946	50.3	16,685	10.5	63,261	39.8
1955.....	185,069	114.0	20,088	12.4	164,981	101.6	77,503	47.8	15,286	9.4	62,217	38.3
1956.....	188,730	114.2	20,134	12.2	168,596	102.0	77,029	46.6	13,454	8.1	63,575	38.5

¹ Comparable data not available.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 17.

No. 191.—STATE AND FEDERAL PRISONS—MOVEMENT OF SENTENCED PRISONERS, BY SEX: 1955 AND 1956

[Includes reformatories]

MOVEMENT OF SENTENCED PRISONERS	1955			1956		
	Total	Male	Female	Total	Male	Female
Prisoners present:						
January 1.....	182,051	175,057	6,994	185,069	177,944	7,125
December 31.....	185,069	177,944	7,125	188,730	181,355	7,375
Percent increase.....	1.7	1.6	1.9	2.0	1.9	3.5
Admissions, total.....	138,825	133,266	5,559	146,581	140,629	5,952
Admitted, except transfers.....	97,970	92,929	5,041	98,084	92,814	5,270
Received from courts.....	77,503	73,467	4,036	77,029	72,825	4,204
Returned as a parole or conditional-release violator.....	11,002	10,437	565	11,720	11,128	592
Returned from escape.....	1,996	1,906	90	2,251	2,143	108
Other admissions ¹	7,469	7,119	350	7,084	6,718	366
Transferred from other institutions.....	40,855	40,337	518	48,497	47,815	682
Discharges, total.....	135,807	130,379	5,428	142,920	137,218	5,702
Discharged, except transfers.....	94,327	89,443	4,884	94,543	89,513	5,030
Releases.....	82,924	78,569	4,355	83,099	78,632	4,467
Conditional.....	45,913	43,271	2,642	47,238	44,536	2,702
Parole.....	41,454	39,048	2,406	42,263	39,833	2,430
Conditional pardon.....	24	24	0	23	22	1
Other conditional release.....	4,435	4,199	236	4,952	4,681	271
Unconditional.....	37,011	35,208	1,713	35,861	34,096	1,765
Expiration of sentence.....	34,006	32,401	1,605	32,698	31,054	1,644
Pardon.....	104	102	2	128	117	11
Commutation.....	2,901	2,795	106	3,035	2,925	110
Escape.....	2,241	2,144	97	2,202	2,078	124
Death, except execution.....	745	728	17	657	643	14
Execution ²	76	75	1	65	65	0
Other discharges ¹	8,341	7,927	414	8,520	8,095	425
Transferred to other institutions.....	41,480	40,936	544	48,377	47,705	672

¹ Includes prisoner movement incident to court orders and authorized temporary absences.

² Includes executions carried out under local jurisdiction.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 15 and 17.

**No. 192.—STATE AND FEDERAL PRISONS—PRISONERS PRESENT AND PRISONERS
RECEIVED, BY STATES: 1950 TO 1956**
[Includes reformatories]

STATE	PRESENT AT END OF YEAR					RECEIVED FROM COURTS				
	1950	1953	1954	1955	1956	1950	1953	1954	1955	1956
United States.....	165,496	172,729	182,051	185,069	188,730	68,846	73,299	79,946	77,503	77,029
Federal institutions ¹	17,134	19,363	20,003	20,088	20,134	14,237	16,376	16,685	15,286	13,454
State institutions.....	148,362	153,366	162,048	164,981	168,596	54,609	56,923	63,261	62,217	63,575
New England:										
Maine.....	736	641	611	620	646	471	285	312	325	362
New Hampshire.....	235	193	169	198	192	72	55	55	76	67
Vermont.....	250	280	278	285	254	210	158	180	207	158
Massachusetts.....	2,375	2,075	2,092	1,995	1,879	851	632	603	861	944
Rhode Island.....	8,591	257	289	305	298	250	201	202	201	269
Connecticut.....	1,020	1,173	1,188	1,260	1,263	440	564	570	591	603
Middle Atlantic:										
New York.....	15,313	16,328	16,530	17,069	17,345	3,456	4,297	4,507	4,510	4,464
New Jersey.....	3,091	3,625	3,796	3,782	3,944	1,555	1,599	1,697	1,679	1,865
Pennsylvania.....	7,432	6,636	7,205	7,342	7,462	1,867	1,667	2,320	2,187	2,282
East North Central:										
Ohio.....	9,128	9,482	10,146	10,483	10,679	2,727	2,811	3,264	3,264	3,263
Indiana.....	4,738	4,504	4,459	4,462	4,632	1,134	1,292	1,362	1,331	1,400
Illinois.....	7,886	7,632	7,948	8,130	8,063	1,868	1,927	2,162	2,196	1,919
Michigan.....	8,591	8,912	9,571	9,547	10,071	3,076	2,971	3,391	3,275	3,601
Wisconsin.....	2,017	2,216	2,210	2,281	2,336	1,051	1,153	1,210	1,265	1,283
West North Central:										
Minnesota.....	1,879	1,848	1,985	1,964	2,063	679	604	739	653	693
Iowa.....	2,084	2,034	2,162	2,203	2,177	632	635	740	743	711
Missouri.....	3,400	3,518	3,932	3,966	3,703	1,550	1,476	1,789	1,692	1,502
North Dakota.....	235	209	231	228	232	124	112	121	126	125
South Dakota.....	451	443	448	423	451	302	303	323	291	310
Nebraska.....	1,147	1,038	1,010	1,080	1,072	623	592	532	644	561
Kansas.....	1,959	2,090	2,113	1,974	1,932	833	764	779	802	794
South Atlantic:										
Delaware ²	168	151	165	172	226	123	89	109	127	118
Maryland.....	3,892	4,500	4,930	4,685	5,117	3,060	3,736	4,318	3,855	4,130
Dist. of Columbia.....	1,478	1,786	1,914	2,020	2,119	580	763	661	679	733
Virginia.....	4,439	4,938	4,938	4,869	4,784	1,751	1,784	2,060	1,839	1,823
West Virginia.....	2,904	2,316	2,220	2,269	2,101	702	558	673	625	501
North Carolina.....	4,355	4,647	4,680	4,488	4,662	1,259	1,651	1,512	1,538	1,629
South Carolina.....	1,513	1,776	1,853	1,852	1,868	607	633	708	700	734
Georgia.....	4,545	5,185	5,442	5,701	5,908	1,606	1,761	1,983	2,067	1,955
Florida.....	3,973	3,878	4,343	4,830	5,107	1,516	1,453	1,774	2,105	2,357
East South Central:										
Kentucky.....	3,259	3,176	3,399	3,349	3,170	1,365	1,325	1,611	1,476	1,500
Tennessee.....	2,780	2,474	2,706	2,723	2,713	1,026	896	1,088	984	931
Alabama.....	4,464	4,879	5,255	5,222	5,407	2,514	2,708	3,075	3,065	3,045
Mississippi.....	2,168	1,890	1,970	2,080	2,011	753	490	657	737	610
West South Central:										
Arkansas.....	1,541	1,470	1,665	1,751	1,721	695	648	790	787	752
Louisiana.....	2,674	2,532	2,842	3,025	3,220	1,164	1,098	1,173	1,342	1,288
Oklahoma.....	2,401	2,423	2,479	2,600	2,664	1,183	1,159	1,196	1,237	1,248
Texas.....	6,424	7,781	8,509	8,622	9,268	2,996	3,511	3,900	3,947	4,051
Mountain:										
Montana.....	595	631	674	529	586	410	401	399	382	421
Idaho.....	514	464	511	520	526	290	219	295	233	251
Wyoming.....	410	288	326	345	326	237	188	244	231	206
Colorado.....	1,490	1,597	1,783	1,800	1,912	957	845	1,020	929	949
New Mexico.....	705	628	629	724	764	437	415	426	403	375
Arizona.....	878	994	1,007	1,055	1,118	452	523	537	540	609
Utah.....	562	583	560	554	602	239	173	167	168	207
Nevada.....	240	329	349	373	370	172	183	209	218	202
Pacific:										
Washington.....	2,290	2,331	2,438	2,443	2,468	933	909	887	805	734
Oregon.....	1,534	1,591	1,516	1,552	1,557	689	635	609	641	608
California.....	11,056	13,365	14,572	15,230	15,532	3,122	4,071	4,232	3,638	4,432

¹ Not included in State figures.

² Covers only the New Castle County workhouse through 1955; for the last 6 months of 1956 also includes the Kent and Sussex County workhouses which were united with it to form a State correctional system.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 13, 15, and 17.

No. 193.—AVERAGE TIME SERVED BY PRISONERS RELEASED FROM FEDERAL INSTITUTIONS FOR FIRST TIME, BY OFFENSE: 1957

For year ending June 30. Excludes 402 first releases other than by parole, expiration of sentence, and conditional release, also excludes 325 parole releases of offenders sentenced under the Youth Corrections Act. In computing averages, sentences to life and to more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday.

OFFENSE	ALL FIRST RELEASES				BY PAROLE				BY OTHER TYPES OF RELEASE			
	Number	Average sentence (months)	Average time served		Number	Average sentence (months)	Average time served		Number	Average sentence (months)	Average time served	
			Months	Percent of average sentence			Months	Percent of average sentence			Months	Percent of average sentence
Total offenses	14,058	27.3	17.2	63.0	3,927	38.8	17.1	44.1	10,131	22.8	17.2	75.4
Counterfeiting.....	68	56.9	38.0	66.8	22	57.5	25.9	45.0	46	56.7	43.8	77.2
Drug laws.....	1,310	38.7	25.4	65.6	369	39.6	18.3	46.2	941	38.3	28.2	73.6
Embezzlement.....	205	21.2	10.6	50.0	132	24.2	9.9	40.9	73	15.7	11.9	75.8
Forgery.....	1,893	22.5	15.9	70.7	213	26.1	12.4	47.5	1,180	21.9	16.5	75.3
Fraud.....	175	18.4	11.7	63.6	59	21.8	9.8	45.0	116	16.7	12.7	76.0
Immigration.....	1,034	10.9	8.2	75.2	100	18.7	8.8	47.1	934	10.1	8.2	81.2
Impersonating Federal officer.....	53	20.6	15.1	73.3	5	27.0	13.8	51.1	48	20.0	15.2	76.0
Income tax.....	191	13.8	8.4	60.9	91	15.2	6.6	43.4	100	12.6	10.0	79.4
Juvenile delinquency.....	731	33.1	18.0	54.4	449	33.9	15.4	42.9	282	28.6	22.1	77.3
Kidnaping.....	31	177.2	87.0	49.1	14	206.6	107.1	40.2	17	103.6	70.5	68.1
Larceny—thief.....	3,526	25.8	18.2	70.5	694	26.0	12.8	49.2	2,832	25.7	19.5	75.9
Transportation, etc., of stolen motor vehicle.....	2,572	27.6	19.6	71.0	492	27.3	13.7	50.2	2,080	27.7	21.0	75.8
Liquor laws.....	1,886	13.2	8.9	67.4	580	15.4	7.2	46.8	1,306	9.6	7.8	78.7
Robbery.....	135	107.4	54.3	50.6	52	109.4	45.6	41.7	83	104.2	67.9	65.2
Securities, transporting false or forged.....	237	29.7	20.3	68.4	34	42.2	19.6	46.4	203	27.6	20.4	73.9
Selective Service Acts.....	140	23.5	11.3	48.1	84	30.5	11.9	39.0	56	12.9	10.3	79.8
Wearing military uniform illegally.....	56	8.2	7.3	79.3	5	17.0	10.0	58.8	53	8.8	7.1	80.7
White slave traffic.....	295	29.5	19.9	67.5	54	23.7	13.5	47.0	151	29.8	22.1	74.2
Other and unclassifiable.....	580	24.8	16.2	65.3	171	23.9	13.2	45.7	409	23.2	17.5	75.4
District of Columbia cases.....	219	62.1	30.2	48.6	143	62.5	28.0	36.8	76	61.5	43.8	71.2
Government reservation, high seas, and territorial cases.....	1,035	14.9	9.0	60.4	109	93.2	30.1	43.5	926	8.5	6.5	76.5
Military court-martial cases.....	748	71.2	36.0	50.6	509	78.9	34.0	43.1	239	64.7	40.2	73.5

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons, 1957*.

No. 194.—SENTENCED FEDERAL PRISONERS RECEIVED FROM THE COURTS, BY OFFENSE: 1937 to 1957

[For years ending June 30. Data for all Federal prisoners; some committed to non-Federal institutions]

OFFENSE	1937	1940	1945	1950	1954	1955	1956	1957
Total	24,202	23,003	21,200	18,063	22,497	20,013	16,700	16,733
Counterfeiting and forgery.....	1,480	1,589	673	1,534	1,572	1,714	1,626	1,587
Drug laws.....	1,866	2,250	1,134	2,029	1,875	1,694	1,514	1,687
Marihuana.....	(1)	550	454	878	509	457	325	414
Narcotics.....	(1)	1,700	680	1,151	1,366	1,237	1,189	1,273
Embezzlement and fraud.....	510	750	340	609	445	487	453	515
Immigration.....	2,802	2,270	3,996	3,463	7,277	4,952	1,771	1,556
Income tax.....	(1)	(1)	15	164	203	237	241	251
Juvenile delinquency.....	44	216	911	658	820	734	825	963
Kidnaping.....	44	37	20	41	41	37	19	34
Liquor laws.....	12,238	10,735	2,988	2,304	2,143	2,294	2,183	2,376
Robbery.....	(1)	117	45	92	193	252	212	211
Theft from interstate commerce.....	308	313	475	270	320	342	318	310
Transportation, etc., of stolen motor vehicle.....	1,312	1,512	1,072	2,486	2,838	2,989	2,835	3,020
White slave traffic.....	370	378	209	185	242	240	206	195
Government reservation, D. C., high seas, and territorial cases.....	1,033	1,021	986	1,145	1,487	1,458	1,365	1,592
Other.....	2,203	1,759	1,748	2,104	1,851	1,973	1,882	1,941
National security offenses.....	30	56	6,588	879	1,181	610	1,250	495
Selective Service Acts.....			2,613	136	342	214	136	194
Other national-defense security laws.....	(1)	11	2,150	130	167	152	132	108
Military court-martial cases:								
Army.....	30	45	1,793	606	639	219	952	166
Navy.....			32	107	33	25	30	27

¹ Not classified separately.

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons, 1957*.

No. 195.—FEDERAL PRISONERS BY NUMBER OF PREVIOUS COMMITMENTS, BY OFFENSE: 1957

[For year ending June 30. Known previous commitments under sentence, of prisoners committed to Federal institutions under sentence of more than 1 year]

OFFENSE	Total com- mitted	WITH KNOWN PREVIOUS COMMITMENTS					Without known previous commit- ments
		Total		With 1	With 2	With 3 or more	
		Number	Percent of total com- mitted				
Total offenses.....	10,326	6,762	65.5	2,183	1,477	3,102	3,564
Counterfeiting.....	65	45	69.2	11	13	21	20
Drug laws.....	1,427	904	63.3	325	198	381	523
Embezzlement.....	125	31	24.8	12	6	13	94
Forgery.....	1,021	798	78.2	202	168	428	223
Fraud.....	132	74	56.1	33	14	27	58
Immigration.....	289	234	81.1	31	40	163	55
Impersonating Federal officer.....	31	26	83.9	8	5	13	5
Income tax.....	86	15	17.4	8	3	4	71
Juvenile delinquency.....	856	342	40.0	236	76	30	514
Kidnaping.....	32	20	62.5	9	4	7	12
Larceny—thft.....	3,254	2,536	77.9	681	567	1,288	718
Transportation, etc., of stolen motor vehicle.....	2,600	2,076	79.8	572	473	1,031	524
Liquor laws.....	1,187	755	63.6	286	159	310	432
Robbery.....	202	117	57.9	35	35	47	85
Securities, transporting false or forged.....	208	161	77.4	37	28	96	47
Selective Service Acts.....	139	18	12.9	7	6	5	121
Wearing military uniform illegally.....	28	20	71.4	4	5	11	8
White slave traffic.....	164	101	61.6	36	12	53	63
Other and unclassifiable.....	411	256	62.3	83	61	112	155
Government reservation, D. C., high seas and territorial cases.....	476	239	50.2	97	62	80	237
Military court-martial cases.....	193	70	36.3	42	15	13	123

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons, 1957*.

No. 196.—PRISONERS EXECUTED UNDER CIVIL AUTHORITY, BY OFFENSE AND RACE: 1930 to 1957

[Excludes executions by military authorities. The Army (including the Air Force) carried out 157: 148 between 1942 and 1950, and 3 each in 1954, 1955, and 1957; 101 of 157 were executed for murder (including 21 involving rape), 62 for rape, and 1 for desertion. The Navy carried out no executions during the period]

YEAR	ALL OFFENSES				MURDER ¹			RAPE			OTHER OFFENSES ²		
	Total	White	Negro	Other ¹	Total	White	Negro	Total	White	Negro	Total	White ¹	Negro
All years.....	3,568	1,617	1,911	40	3,096	1,542	1,516	411	41	368	61	34	27
1930-1939.....	1,666	827	816	23	1,513	803	687	125	10	115	28	14	14
1940.....	124	49	75	—	105	44	61	15	2	13	4	3	1
1941.....	123	59	63	1	102	55	46	20	4	16	1	—	1
1942.....	147	67	80	—	116	57	59	24	4	20	7	6	1
1943.....	131	54	74	3	118	54	63	13	—	11	—	—	—
1944.....	120	47	70	3	96	45	48	24	2	22	—	—	—
1945.....	117	41	75	1	90	37	52	26	4	22	1	—	1
1946.....	131	46	84	1	107	45	61	22	—	22	2	1	1
1947.....	152	42	110	—	123	40	88	23	2	21	1	—	1
1948.....	119	35	82	2	95	32	61	22	1	21	2	2	—
1949.....	119	50	67	2	107	49	56	10	—	10	2	1	1
1950.....	82	40	42	—	68	36	32	13	4	9	1	—	1
1951.....	105	57	47	1	87	55	31	17	2	15	1	—	1
1952.....	83	36	47	—	71	35	36	12	1	11	—	—	—
1953.....	62	30	31	1	51	25	25	7	1	6	4	4	—
1954.....	81	38	42	1	71	37	33	9	1	8	1	—	1
1955.....	76	44	32	—	65	41	24	7	1	6	4	2	2
1956.....	65	21	43	1	52	20	31	12	—	12	1	1	—
1957.....	65	34	31	—	54	32	22	10	2	8	1	—	1

¹ All were for murder except 2 for rape in 1943.

² Includes 29 females; 18 white, 11 Negro.

³ 21 armed robbery, 17 kidnaping, 11 burglary, 8 espionage (6 in 1942 and 2 in 1953), 4 aggravated assault.

⁴ Includes 2 females, both executed in 1953, 1 for kidnaping and 1 for espionage.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 18.

No. 197.—PRISONERS EXECUTED UNDER CIVIL AUTHORITY, BY RACE, BY STATES: 1955 to 1957

STATE	1955			1956			1957		
	Total	White	Negro	Total	White	Negro	Total	White	Negro
Total.....	76	44	32	165	121	43	165	134	31
Alabama.....	—	—	—	1	—	1	2	1	1
Arizona.....	2	2	—	—	—	—	1	1	—
Arkansas.....	—	—	—	1	—	1	—	—	—
California.....	9	9	—	25	1	3	9	9	—
Colorado.....	—	—	—	1	1	—	1	1	—
Connecticut.....	3	3	—	—	—	—	—	—	—
District of Columbia.....	—	—	—	—	—	—	1	—	1
Florida.....	4	3	1	7	1	6	3	2	1
Georgia.....	4	1	3	6	1	5	14	4	10
Idaho.....	—	—	—	—	—	—	1	1	—
Kentucky.....	5	3	2	3	—	3	—	—	—
Louisiana.....	2	—	2	1	—	1	7	1	6
Maryland.....	1	—	1	—	—	—	1	—	1
Mississippi.....	8	4	4	8	—	8	2	1	1
Missouri.....	1	—	1	—	—	—	1	1	—
New Jersey.....	8	4	4	1	—	1	—	—	—
New Mexico.....	—	—	—	1	1	—	—	—	—
New York.....	7	5	2	16	5	11	4	3	1
North Carolina.....	1	—	1	1	—	1	1	—	1
Ohio.....	—	—	—	4	2	2	1	—	1
Oklahoma.....	—	—	—	1	1	—	2	2	—
Pennsylvania.....	7	4	3	2	1	1	—	—	—
South Carolina.....	4	1	3	4	—	4	2	—	2
Tennessee.....	4	1	3	—	—	—	2	1	1
Texas.....	4	3	1	7	2	5	5	3	2
Utah.....	1	1	—	2	2	—	—	—	—
Virginia.....	1	—	1	—	—	—	2	—	2
Washington.....	—	—	—	1	1	—	1	1	—
West Virginia.....	—	—	—	1	1	—	—	—	—

¹ Includes Federal executions not shown by State (1 in 1956 and 2 in 1957).

² Includes 1 American Indian.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 14, 16, and 18.

Section 6

Area, Geography, and Climate

Statistics in this section relate to area, climatological, topographic, and hydrologic measurements of the United States. There are few official publications other than those showing area measurements issued infrequently by the Bureau of the Census, which present area and geography statistics of national scope. However, many data are compiled by Federal Government agencies, such as the Geological Survey, the Coast and Geodetic Survey, and the Weather Bureau, which are primarily for particular regions or are collected for internal administrative purposes.

Area.—Area measurements in the United States began with measurements for the country as a whole and developed, as mapping progressed, to measurements for the States.

The annual report of the U. S. General Land Office for 1850 contained the first reference to the areas of the several States and Territories, although there was no indication of the method used in obtaining these measurements. The General Land Office was practically the sole source of information concerning the areas of the States and Territories until 1881.

The Bureau of the Census in 1881, as a part of the 1880 Census of Population, laid the foundation for accurate and detailed area measurement in the United States. For the first time an account was given of the method and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement.

The same Bureau, in 1940 in its publication *Areas of the United States: 1940* presented the first basic measurement of the United States since its work in 1880. The data presented in that study cover the total land and water areas of the States, counties, cities, and minor civil divisions.

Geography.—The Geological Survey, cooperating with State agencies, is responsible for topographic and geologic maps and for basic data concerning the quantity, quality, and movement of surface and ground water.

The Bureau of Land Management conducts cadastral surveys.

The Coast and Geodetic Survey has responsibility for coastal and geodetic surveys and measurement of certain physical phenomena. Authorized in 1807, this agency's original function was to survey and chart the coast of the United States and the outlying islands and fishing banks. In 1871, Congress authorized an extension of the geodetic surveys from coast to coast to provide the States with reference markers for the control of their topographic and geologic mapping and their boundary surveys, and to provide data for use by the Geological Survey and other agencies.

A civil mapping activity of the Corps of Engineers, the United States Lake Survey, was established in 1841. Its primary function is to furnish Great Lakes navigators with reliable charts and information regarding harbor facilities. It also maintains records of the fluctuating levels of the lakes, the flow through connecting rivers, the precipitation over the lakes, and reports on all hydraulic problems relating to the Great Lakes.

Climate.—The Weather Bureau is responsible for essentially all meteorologic data. It collects, processes, and publishes climatological data. This Bureau maintains about

Note.—This section presents data for the most recent year or period available on March 3, 1958, when the material was organized and sent to the printer.

11,000 weather stations. Of this number nearly 3,000 stations produce autographic precipitation records, about 600 take automatic or hourly readings of a series of weather elements, and the remainder record one observation a day. There are few records in existence for stations before 1871 although some earlier and less detailed records began in the 18th century.

Nearly all weather stations have been moved several times in their history. Consequently, the Weather Bureau has adopted the practice of using "normal" values of temperature and precipitation for comparative purposes rather than long-term means which are derived from records taken at the several different locations the stations may have had over the years.

Normal values of temperature and precipitation are based on records for the 30-year period 1921 to 1950, inclusive. Where a station had a record for the entire 30 years from the same instrument site, monthly precipitation normals are the mean of the monthly values for the 30 years. For such stations, the temperature normals were obtained in a similar manner, using normal maximum and normal minimum values to obtain monthly normals. The annual normal temperature is obtained by dividing the sum of the annual normal maximum value and the annual normal minimum value for temperature by 2.

For stations that did not have continuous records from the same instrument site for the entire 30 years, 1921 to 1950, the means have been adjusted to the record at the present site. In these adjustments, a "difference factor" was used for temperature and a "ratio factor" for precipitation. These factors were determined by parallel comparison, either between records at the actual station sites or through a second station that had a continuous record to compare against both sites for obtaining the resultant adjusting factors. Normals were thereafter obtained as outlined above.

This system of normals has three characteristics: (1) The 30-year period (1921 to 1950) adopted for the computations is consistent with the term of years accepted by the World Meteorological Organization for climatic normals; (2) where the station and exposure for records in a given locality have been changed, the whole record has been carefully studied and adjusted to the latest source of records and reports; (3) the normals for maximum and minimum temperatures are separately tabulated and made available for the first time.

The degree-day normals are derived from the values for the monthly normal maximum and minimum temperatures, and are computed on the standard base 65° F. The degree day has been defined as follows: "A unit, based upon temperature difference and time, used in estimating fuel consumption and specifying nominal heating load in winter. For any one day, when the mean temperature is less than 65° F., there exist as many degree days as there are Fahrenheit degrees difference in the temperature between the average temperature for the day and 65° F."

Historical statistics.—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series B 24-25") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

No. 198.—TERRITORIAL EXPANSION OF CONTINENTAL UNITED STATES AND ACQUISITIONS OF PRINCIPAL TERRITORIES, POSSESSIONS, AND OTHER AREAS

[Boundaries of all territories listed under "Continental United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties of cession which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1940. See also *Historical Statistics, 1789-1945*, series B 24-25]

ACCESSION	Date	Gross area (land and water)	ACCESSION	Date	Gross area (land and water)
Total		<i>Sq. mi.</i> 3,628,130	Other:		<i>Sq. mi.</i>
Continental United States.....		3,022,387	<i>The Philippines</i> ¹	1898	115,600
Territory in 1790 ¹		883,811	Puerto Rico.....	1899	3,435
Louisiana Purchase.....	1803	827,192	Guam.....	1899	206
By treaty with Spain:			American Samoa.....	1900	76
Florida.....	1819	58,560	Canal Zone ²	1904	553
Other areas.....	1819	13,443	Corn Islands ³	1914	4
Texas.....	1845	390,144	Virgin Islands of the U. S.....	1917	133
Oregon.....	1846	285,580	Trust Territory of the Pacific Islands ⁴	1947	8,475
Mexican Cession.....	1848	529,017	All other ⁵		38
Gadsden Purchase.....	1853	29,640			
Territories.....		592,823			
Alaska.....	1867	586,400			
Hawaii.....	1898	6,423			

¹ Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase.

² Not included in total. Ceded by Spain in 1898, the Philippines constituted a territorial possession of the United States from 1898 to 1946. Granted independence as of July 4, 1946, they then became the Republic of the Philippines.

³ Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

⁴ Leased (1914) from Republic of Nicaragua for 99 years. ⁵ Under trusteeship. See table 4, footnote 17.

⁶ Comprises following islands with gross areas as indicated: Midway (2), Wake (3), Canton and Enderbury (combined area, 27), Swan (1), Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston and Sand (combined area, less than 0.5), Kingman Reef, Quita Sueno Bank, Rencador Cay, and Serrano Bank (each less than 0.5) and other islands specified in table 4, footnote 10, for which area figures are not available.

Source: Department of Commerce, Bureau of the Census; reports and records.

No. 199.—COASTLINE OF THE UNITED STATES, BY STATES

[In miles]

STATE	General coast-line ¹	TIDAL SHORELINE		STATE	General coast-line ¹	TIDAL SHORELINE	
		General ²	Detailed ³			General ²	Detailed ³
Total U. S.	4,840	12,877	53,677	Atlantic coast—Con.			
Atlantic coast	1,888	6,370	28,377	South Carolina.....	187	758	2,876
Connecticut.....		96	618	Virginia.....	112	567	3,315
Delaware.....	28	79	381	Gulf coast	1,659	4,097	17,437
Florida.....	399	618	3,035	Alabama.....	53	199	607
Georgia.....	100	603	2,344	Florida.....	798	1,658	5,391
Maine.....	228	676	3,478	Louisiana.....	397	985	7,721
Maryland.....	31	452	3,190	Mississippi.....	44	155	359
Massachusetts.....	192	453	1,519	Texas.....	367	1,100	3,359
New Hampshire.....	13	14	131	Pacific coast	1,293	2,410	7,863
New Jersey.....	130	398	1,792	California.....	840	1,190	3,427
New York.....	127	470	1,850	Oregon.....	296	312	1,410
North Carolina.....	301	1,030	3,375	Washington.....	157	908	3,026
Pennsylvania.....			89				
Rhode Island.....	40	156	384				

¹ Figures are lengths of general outline of seacoast. Measurements made with unit measure of 30 minutes of latitude on charts as near scale of 1:1,200,000 as possible. Shoreline of bays and sounds is included to point where they narrow to width of unit measure, and distance across at such point is included.

² Measurements made with unit measure of 3 statute miles on charts of 1:200,000 and 1:400,000 scale when available. Shoreline of bays, sounds, and other bodies of water included to point where they narrow to width of 3 statute miles, and distance across at such point is included.

³ Figures obtained in 1939-1940 with recording measure on largest scale maps and charts then available. Shoreline of bays, sounds, and other bodies of water included to head of tide-water, or to point where they narrow to width of 100 feet.

Source: Department of Commerce, Coast and Geodetic Survey; *Coastline of the United States*, July 1948.

No. 200.—AREA OF STATES, TERRITORIES, AND OTHER AREAS: 1950

[In square miles. See also table 4]

STATE OR OTHER AREA	Gross area	Land area ¹	Inland water ²	STATE OR OTHER AREA	Gross area	Land area ¹	Inland water ²
Cont. U. S.	3,022,387	2,974,728	47,661	South Atlantic—Con.			
New England	66,608	63,159	3,449	Georgia.....	58,876	58,483	393
Maine.....	33,215	31,040	2,175	Florida.....	58,560	54,262	4,298
New Hampshire.....	9,304	9,017	287	East South Central	181,964	179,987	1,977
Vermont.....	9,609	9,278	331	Kentucky.....	40,395	39,864	531
Massachusetts.....	8,257	7,867	390	Tennessee.....	42,244	41,797	447
Rhode Island.....	1,214	1,058	156	Alabama.....	51,609	51,078	531
Connecticut.....	5,009	4,899	110	Mississippi.....	47,716	47,248	468
Middle Atlantic	102,745	100,811	2,234	West South Central	438,885	430,381	8,504
New York.....	49,578	47,944	1,632	Arkansas.....	53,104	52,675	429
New Jersey.....	7,836	7,522	314	Louisiana.....	48,523	45,162	3,361
Pennsylvania.....	45,333	45,045	288	Oklahoma.....	69,919	69,031	888
East North Central	248,283	244,867	3,416	Texas.....	267,339	263,513	3,826
Ohio.....	41,222	41,000	222	Mountain	863,887	857,296	6,591
Indiana.....	36,291	36,205	86	Montana.....	147,138	145,878	1,260
Illinois.....	56,400	55,935	465	Idaho.....	83,557	82,769	788
Michigan.....	58,216	57,022	1,194	Wyoming.....	97,914	97,506	408
Wisconsin.....	56,154	54,705	1,449	Colorado.....	104,247	103,922	325
West North Central	517,247	510,644	6,603	New Mexico.....	121,666	121,511	155
Minnesota.....	84,068	80,009	4,059	Arizona.....	113,909	113,575	334
Iowa.....	56,290	56,045	245	Utah.....	84,916	82,346	2,570
Missouri.....	69,674	69,226	448	Nevada.....	110,540	109,789	751
North Dakota.....	70,665	70,057	608	Pacific	323,866	319,841	4,025
South Dakota.....	77,047	76,536	511	Washington.....	68,192	66,786	1,406
Nebraska.....	77,227	76,663	564	Oregon.....	96,981	96,315	666
Kansas.....	82,276	82,108	168	California.....	168,693	166,740	1,953
South Atlantic	278,902	268,040	10,862	Alaska.....	586,400	571,065	15,335
Delaware.....	2,057	1,978	79	American Samoa.....	76	76	
Maryland.....	10,577	9,881	696	Canal Zone ³	553	362	191
Dist. of Columbia.....	69	61	8	Guam.....	206	203	3
Virginia.....	40,815	39,893	922	Hawaii.....	6,423	6,407	16
West Virginia.....	24,181	24,080	101	Puerto Rico.....	3,435	3,423	12
North Carolina.....	52,712	49,097	3,615	Trust Terr. of Pacific ⁴	8,475		
South Carolina.....	31,055	30,305	750	Virgin Islands of U. S.....	133	132	1

¹ Dry land and land temporarily or partially covered by water, such as marshland, swamps, and river flood plains; streams, sloughs, estuaries, and canals less than one-eighth of a statute mile in width; and lakes, reservoirs, and ponds less than 40 acres of area.

² Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth of a statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water; and islands having less than 40 acres of area. Does not include water surface of the oceans, bays, the Gulf of Mexico, the Great Lakes, Long Island Sound, Puget Sound, and the Straits of Juan de Fuca and Georgia, lying within the jurisdiction of the United States but not defined as inland water.

³ See table 4, footnote 14.

⁴ See table 4, footnote 17.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. I, reports, and records.

No. 201.—LOCATION OF EXTREME POINTS OF CONTINENTAL UNITED STATES

EXTREME POINTS	Compass direction	COORDINATES		Distance from geographic center
		Latitude	Longitude	
In Smith County, Kansas.....	Center.....	39°50'	98°35'	Miles
The Lake of the Woods projection, Minnesota.....	North.....	49°23'04.5"	95°09'11.6"	681
West Quoddy Head, near Eastport, Maine.....	East.....	44°49'	66°57'	1,645
Cape Sable, Florida.....	South.....	25°07'	81°05'	1,435
Southernmost point in Texas.....	South.....	25°50'	97°24'	967
Cape Alava, Washington.....	West.....	48°10'	124°44'	1,416

Note.—The following distances are computed to mean sea level: (a) From West Quoddy Head west along the parallel to the Pacific Ocean is 2,807 miles; (b) from the south point of Texas due north to the 49th parallel is 1,598 miles; and (c) the 2 points farthest apart are Point Arena, Calif., and West Quoddy Head, Maine (a distance of 2,897 miles).

Source: Department of the Interior, Geological Survey; *Boundaries, Areas, Geographic Centers, and Altitudes of the United States and the Several States* (bulletin 817), and records.

No. 202.—WATER AREA, OTHER THAN INLAND WATER, BY PRIMARY BODIES OF WATER, BY STATES

[In square miles. Includes only that portion of body of water under the jurisdiction of the U. S. Excludes inland waters (see footnote 2, table 200)]

STATE	Area	STATE	Area	STATE	Area
Total	74,364	Louisiana.....	1,016	Ohio.....	3,457
Alabama.....	560	Maine.....	1,102	Oregon.....	48
California.....	69	Maryland.....	1,726	Pennsylvania.....	735
Connecticut.....	573	Massachusetts.....	959	Rhode Island.....	14
Delaware.....	350	Michigan.....	38,575	South Carolina.....	138
Florida.....	1,735	Minnesota.....	2,212	Texas.....	7
Georgia.....	48	Mississippi.....	556	Virginia.....	1,511
Illinois.....	1,526	New Jersey.....	384	Washington.....	2,397
Indiana.....	228	New York.....	4,376	Wisconsin.....	10,062

BODY OF WATER	State	Area	BODY OF WATER	State	Area
Total		74,364	Gulf of Mexico coastal water.....		
Atlantic coastal water.....		2,298		Alabama.....	3,837
	Florida.....	37		Florida.....	560
	Georgia.....	48		Louisiana.....	1,698
	Maine.....	1,102		Louisiana.....	1,016
	Massachusetts.....	959		Mississippi.....	556
	Rhode Island.....	14		Texas.....	7
	South Carolina.....	138	Lake Michigan.....	Illinois.....	22,178
Chesapeake Bay.....		3,237		Indiana.....	1,526
	Maryland.....	1,726		Michigan.....	228
	Virginia.....	1,511		Michigan.....	13,037
Delaware Bay.....		665		Wisconsin.....	7,387
	Delaware.....	350	New York Harbor.....		92
	New Jersey.....	315		New Jersey.....	69
Lake Erie.....		5,002		New York.....	23
	Michigan.....	216	Lake Ontario.....	New York.....	3,033
	New York.....	594	Pacific coastal water.....		343
	Ohio.....	3,457		California.....	69
	Pennsylvania.....	735		Oregon.....	48
Straits of Georgia and Juan de Fuca.....	Washington.....	1,610		Washington.....	226
Lake Huron.....	Michigan.....	8,975		Washington.....	561
Long Island Sound.....		1,299	Puget Sound.....	Michigan.....	116
	Connecticut.....	673	Lake St. Clair.....		21,118
	New York.....	726	Lake Superior.....	Michigan.....	16,231
				Minnesota.....	2,212
				Wisconsin.....	2,675

Source: Department of Commerce, Bureau of the Census; *Areas of the United States: 1940.*

No. 203.—AREA OF SELECTED NATURAL LAKES

[In square miles. Comprises those with surface areas of 100 square miles or more]

LAKE	State	Area	LAKE	State	Area
Bear.....	Idaho and Utah.....	122	Pend Oreille.....	Idaho.....	123
Calcasieu ¹	Louisiana.....	117	Pontchartrain ¹	Louisiana.....	625
Champlain.....	New York and Vermont.....	490	Rainy.....	Minnesota and Canada.....	345
Flathead.....	Montana.....	188	Red Lake (Upper and Lower).....	Minnesota.....	440
Great Salt ¹	Utah.....	2 1,800	St. Clair.....	Michigan and Canada.....	460
Lake of the Woods.....	Minnesota and Canada.....	1,485	Salton Sea ¹	California.....	2 300
Leech.....	Minnesota.....	222	Tahoe.....	California and Nevada.....	193
Mille Lacs.....	Minnesota.....	208	Utah.....	Utah.....	145
Moosehead.....	Maine.....	117	Winnebago.....	Wisconsin.....	215
Okeechobee.....	Florida.....	700	Yellowstone.....	Wyoming.....	140

¹ Brackish. ² Variable.

Source: Department of the Interior, Geological Survey. (Compiled from various sources.)

No. 204.—LENGTHS OF PRINCIPAL RIVERS

[Length represents distance to designated outflow from (a) original head water of named river where name applies to entire length of channel, or (b) upper limit of channel so-named, usually the junction of 2 tributaries or head-water streams]

RIVER	Outflow	Length (miles)	RIVER	Outflow	Length (miles)
Alabama.....	Mobile River.....	315	Missouri.....	Mississippi River.....	2,465
Allegheny.....	Ohio River.....	325	Missouri-Red Rock.....	Mississippi River.....	2,713
Altamaha-Ocmulgee.....	Atlantic Ocean.....	392	Mobile-Alabama-Coosa.....	Mobile Bay.....	639
Apalachicola-Chatta- hoochee.....	Gulf of Mexico.....	500	Neches.....	Sabine Lake.....	280
Arkansas.....	Mississippi River.....	1,450	Neosho.....	Arkansas River.....	460
			Neuse.....	Pamlico Sound.....	260
Big Black (Miss.).....	Mississippi River.....	330	New.....	Kanawha River.....	255
Big Horn.....	Yellowstone River.....	336	Niobrara.....	Missouri River.....	431
Black (Mo.-Ark.).....	White River.....	280	North Canadian.....	Canadian River.....	760
Brazos.....	Gulf of Mexico.....	870	North Platte.....	Platte River.....	618
Canadian.....	Arkansas River.....	906	Nueces.....	Nueces Bay.....	338
Cape Fear.....	Atlantic Ocean.....	202	Ohio.....	Mississippi River.....	981
Cedar (Iowa).....	Iowa River.....	320	Ohio-Allegheny.....	Mississippi River.....	1,306
Cheyenne.....	Missouri River.....	290	Osage.....	Missouri River.....	500
Cimarron.....	Arkansas River.....	600	Ouachita.....	Red River.....	605
Clark Fork-Pend Oreille.....	Columbia River.....	605	Owyhee.....	Snake River.....	250
			Pearl.....	Gulf of Mexico.....	490
Colorado (Ariz.).....	Arizona-Sonora boundary line.....	1,360	Pecos.....	Rio Grande.....	735
Colorado (Texas).....	Matagorda Bay.....	840	Pee Dee.....	Winyah Bay.....	233
Columbia.....	Pacific Ocean.....	1,214	Pee Dee-Yadkin.....	Winyah Bay.....	435
Columbia, Upper.....	To mouth of Snake River.....	890	Platte.....	Missouri River.....	310
Connecticut.....	Long Island Sound.....	407	Potomac.....	Chesapeake Bay.....	287
Coosa.....	Alabama River.....	286	Powder.....	Yellowstone River.....	375
Cumberland.....	Ohio River.....	687	Red (Okla.-Tex.-La.).....	Mississippi River.....	1,018
Delaware.....	Liston Point at Head of Delaware Bay.....	280	Red River of the North.....	Lake Winnipeg.....	545
Deschutes.....	Columbia River.....	250	Republican.....	Kansas River.....	545
Des Moines.....	Mississippi River.....	327	Rio Grande.....	Gulf of Mexico.....	1,885
Dolores.....	Colorado River.....	230	Roanoke.....	Albemarle Sound.....	380
Flint.....	Apalachicola River.....	265	Rock (Ill.-Wis.).....	Mississippi River.....	300
French Broad.....	Tennessee River.....	210	Sabine.....	Sabine Lake.....	380
Gila.....	Colorado River.....	630	Sacramento.....	Suisun Bay.....	382
Grand (Mich.).....	Lake Michigan.....	260	St. Francis.....	Mississippi River.....	425
Green (Ky.).....	Ohio River.....	360	St. Johns (Fla.).....	Atlantic Ocean.....	276
Green (Utah-Wyo.).....	Colorado River.....	730	St. Joseph.....	Lake Michigan.....	210
Hudson.....	Upper New York Bay.....	306	Salmon (Idaho).....	Snake River.....	420
Humboldt.....	Humboldt Sink.....	290	San Joaquin.....	Suisun Bay.....	350
Illinois.....	Mississippi River.....	273	San Juan.....	Colorado River.....	360
Iowa.....	Mississippi River.....	291	Santee-Waterloo-Ca- tawba.....	Atlantic Ocean.....	538
James (N. Dak.- S. Dak.).....	Missouri River.....	710	Savannah.....	Atlantic Ocean.....	314
James (Va.).....	Hampton Roads.....	340	Scioto.....	Ohio River.....	237
Jefferson-Beaverhead- Red Rock.....	Missouri River.....	248	Smoky Hill.....	Kansas River.....	540
John Day.....	Columbia River.....	281	Snake.....	Columbia River.....	1,038
Kanawha-New.....	Ohio River.....	352	South Platte.....	Platte River.....	424
Kentucky.....	Ohio River.....	259	Susquehanna.....	Chesapeake Bay.....	444
Klamath.....	Pacific Ocean.....	250	Tallahatchie.....	Yazoo River.....	301
Little Colorado.....	Colorado River.....	300	Tallapoosa.....	Alabama River.....	298
Little Missouri.....	Missouri River.....	560	Tar-Pamlico.....	Pamlico Bay.....	215
Milk.....	Missouri River.....	625	Tennessee.....	Ohio River.....	652
Minnesota.....	Mississippi River.....	332	Tennessee-French Broad.....	Ohio River.....	862
Mississippi.....	Head of Passes.....	2,330	Tombigbee.....	Mobile River.....	409
Mississippi, Upper.....	To mouth of Missouri River.....	1,171	Tongue.....	Yellowstone River.....	246
			Trinity.....	Galveston Bay.....	360
Mississippi-Missouri- Red Rock.....	Head of Passes.....	3,872	Wabash.....	Ohio River.....	475
			Washita.....	Red River.....	500
			White (Ark.-Mo.).....	Mississippi River.....	690
			Wisconsin.....	Mississippi River.....	430
			Yellowstone.....	Missouri River.....	671

Source: Department of the Interior, Geological Survey; *Lengths of the Principal Rivers in the United States*, January 1951.

No. 205.—ESTIMATED BASIN WATER FLOW FROM THE UNITED STATES TO THE OCEANS

[In thousands. Flow originating in Canada and Mexico deducted]

DESCRIPTION	Area (square miles)	Mean flow (cubic feet per second)	DESCRIPTION	Area (square miles)	Mean flow (cubic feet per second)
Total	3,020	1,803	Western Gulf of Mexico basins.....	320	55
North Atlantic slope basins.....	148	210	Colorado River Basin.....	246	23
South Atlantic slope and eastern Gulf of Mexico basins.....	284	325	Great Basin.....	215	-----
Mississippi River Basin.....	1,250	620	Pacific slope basins in California.....	117	80
Hudson Bay basins.....	48	5	Columbia River Basin and coastal streams in Oregon and Washington.....	262	345
St. Lawrence River Basin.....	130	140			

Source: Department of the Interior, Geological Survey; circular 52, *Annual Runoff in the United States*, June 1949.

No. 206.—ALTITUDES OF MOUNTAIN PEAKS, FOR THE UNITED STATES AND ALASKA

[In feet. Comprises peaks 14,000 feet or over, above sea level]

SUMMIT	State or Territory	Rank	Altitude	SUMMIT	State or Territory	Rank	Altitude
Alverstone.....	Alaska.....	14	14,500	Massive.....	Colo.....	18	14,418
Antero.....	Colo.....	27	14,269	McKinley.....	Alaska.....	1	20,320
Augusta.....	Alaska.....	63	14,070	Middle Palisade.....	Calif.....	73	14,040
Barnard.....	Calif.....	84	14,003	Missouri.....	Colo.....	65	14,067
Bear.....	Alaska.....	11	14,850	Muir.....	Calif.....	77	14,025
Belford.....	Colo.....	39	14,197	North Maroon Peak.....	Colo.....	87	14,000
Bierstadt.....	Colo.....	70	14,046	North Palisade.....	Calif.....	35	14,242
Blackburn.....	Alaska.....	5	16,523	North Peak.....	Alaska.....	2	19,370
Blanca Peak.....	Colo.....	22	14,317	Oxford.....	Colo.....	49	14,153
Bona.....	Alaska.....	6	16,421	Pikes Peak.....	Colo.....	57	14,110
Bross.....	Colo.....	43	14,169	Point Success.....	Wash.....	50	14,150
Brown Tower.....	Alaska.....	13	14,530	Princeton.....	Colo.....	38	14,197
Cameron.....	Colo.....	36	14,238	Pyramid (Pitkin County).....	Colo.....	85	14,000
Capitol.....	Colo.....	54	14,137	Quandary.....	Colo.....	32	14,252
Castle (Gunnison-Pitkin Counties).....	Colo.....	30	14,259	Ranier.....	Wash.....	19	14,410
Columbia.....	Colo.....	62	14,073	Red Cloud.....	Colo.....	68	14,050
Crestone.....	Colo.....	24	14,291	Russell.....	Calif.....	42	14,190
Crestone Needle (Custer-Saguache Counties).....	Colo.....	41	14,191	St. Elias.....	Alaska.....	3	18,008
Culebra.....	Colo.....	64	14,069	Sanford.....	Alaska.....	7	16,208
Democrat.....	Colo.....	53	14,142	San Luis.....	Colo.....	52	14,146
Elbert.....	Colo.....	16	14,431	Shasta.....	Calif.....	45	14,162
El Diente.....	Colo.....	46	14,159	Shavano.....	Colo.....	37	14,229
Eolus (Aeolus).....	Colo.....	60	14,086	Sherman.....	Colo.....	75	14,037
Evans (Clear Creek County).....	Colo.....	29	14,260	Sill, Mount.....	Calif.....	44	14,162
Fairweather.....	Alaska.....	9	15,300	Sneffels.....	Colo.....	51	14,150
Foraker.....	Alaska.....	4	17,395	Snowmass.....	Colo.....	61	14,077
Grays.....	Colo.....	26	14,274	Split.....	Calif.....	67	14,058
Grizzly.....	Colo.....	86	14,000	Stewart.....	Colo.....	76	14,032
Handies.....	Colo.....	69	14,049	Sunlight.....	Colo.....	66	14,060
Harvard.....	Colo.....	17	14,420	Sunshine (Pk.).....	Colo.....	79	14,018
Hubbard.....	Alaska.....	10	14,950	Tabeguache.....	Colo.....	48	14,155
Humbolt.....	Colo.....	71	14,044	Torreys.....	Colo.....	28	14,264
Hunter.....	Alaska.....	12	14,580	Tyndall.....	Calif.....	73	14,025
Huron.....	Colo.....	83	14,005	Uncompahgre.....	Colo.....	23	14,301
Kit Carson.....	Colo.....	58	14,100	Vancouver.....	Alaska.....	8	15,700
Langley.....	Calif.....	72	14,042	Wetterhorn (Pk.).....	Colo.....	80	14,017
La Plata.....	Colo.....	21	14,340	White.....	Calif.....	34	14,246
Liberty Cap.....	Wash.....	56	14,112	Whitney.....	Calif.....	15	14,495
Lincoln.....	Colo.....	25	14,284	Williamson.....	Calif.....	20	14,384
Lindsey.....	Colo.....	55	14,125	Wilson Mountain.....	Colo.....	33	14,246
Little Bear Peak.....	Colo.....	74	14,040	Wilson (Pk.) (San Miguel County).....	Colo.....	81	14,017
Longs.....	Colo.....	31	14,255	Windom.....	Colo.....	59	14,091
Maroon Peak.....	Colo.....	47	14,158	Wrangell.....	Alaska.....	82	14,006
				Yale.....	Colo.....	40	14,196

Source: Department of the Interior, Geological Survey; *Named Peaks of the Continental United States Including Alaska in Order of Altitudes Above Sea Level of 14,000 Feet or Over* (release M 10-20), and records.

No. 207.—EXTREME AND MEAN ALTITUDES IN THE UNITED STATES, BY STATES AND OTHER AREAS

[In feet]

STATE OR OTHER AREA	HIGHEST POINT		LOWEST POINT		Approximate mean altitude
	Name	Altitude	Name	Altitude	
Cont. U. S.	Mount Whitney	14,495	Death Valley	-282	2,500
Alabama	Cheaha Mountain	2,407	Gulf of Mexico	(1)	500
Arizona	Humphreys Peak	12,670	Colorado River	160	4,100
Arkansas	Blue Mountain	2,800	Quachita River	55	650
	Magazine Mountain	2,800			
California	Mount Whitney	14,495	Death Valley	-282	2,900
Colorado	Mount Elbert	14,431	Arkansas River	3,350	6,800
Connecticut	N. Bdy.-Mt. Frissell	2,380	Long Island Sound	(1)	500
Delaware	EBright Road	450	Atlantic Ocean	(1)	60
Dist. of Col.	Tenleytown	420	Potomac River	(1)	150
Florida	Sec. 30, T6N, R20W, Walton County	345	Atlantic Ocean	(1)	100
Georgia	Brasstown Bald	4,784	Atlantic Ocean	(1)	600
Idaho	Borah Peak	12,662	Snake River	720	5,000
Illinois	Charles Mound	1,241	Mississippi River	279	600
Indiana	Greensfork Twp., Randolph County	1,240	Ohio River	320	700
Iowa	Osceola County	1,675	Mississippi River	480	1,100
Kansas	In T15S R43W, Wallace Co.	4,135	Verdigris River	700	2,000
Kentucky	Black Mountain	4,145	Mississippi River	257	750
Louisiana	Driskill Mountain	535	New Orleans	-5	100
Maine	Mount Katahdin	5,268	Atlantic Ocean	(1)	600
Maryland	Backbone Mountain, near Kempton, W. Va.	3,360	Atlantic Ocean	(1)	350
Massachusetts	Mount Greylock	3,491	Atlantic Ocean	(1)	500
Michigan	T50N R31W Sec. 2	1,980	Lake Erie	572	900
Minnesota	Misquah Hills	2,230	Lake Superior	602	1,200
Mississippi	Woodall Mountain, near Iuka	806	Gulf of Mexico	(1)	300
Missouri	Taum Sauk Mountain	1,772	St. Francis River	230	800
Montana	Granite Peak	12,790	Kootenai River	1,803	3,400
Nebraska	Johnson Twp., Kimball Co.	5,424	Southeast corner of State	840	2,600
Nevada	White Mountains, Boundary Peak	13,145	Colorado River	470	5,500
New Hampshire	Mount Washington	6,288	Atlantic Ocean	(1)	1,000
New Jersey	High Point	1,801	Atlantic Ocean	(1)	250
New Mexico	Wheeler Peak	13,160	Red Bluff Res.	2,817	5,700
New York	Mount Marcy	5,344	Atlantic Ocean	(1)	1,000
North Carolina	Mount Mitchell	6,684	Atlantic Ocean	(1)	700
North Dakota	Black Butte	3,468	Red River of the North	750	1,900
Ohio	Campbell Hill	1,550	Ohio River	433	850
Oklahoma	Black Mesa	4,978	Red River	300	1,300
Oregon	Mount Hood	11,245	Pacific Ocean	(1)	3,300
Pennsylvania	Negro Mountains (Mount Davis)	3,213	Delaware River	(1)	500
Rhode Island	Jerimoth Hill	812	Atlantic Ocean	(1)	200
South Carolina	Sassafras Mountain	3,560	Atlantic Ocean	(1)	350
South Dakota	Harney Peak	7,242	Big Stone Lake	962	2,200
Tennessee	Clingmans Dome	6,642	Mississippi River	182	900
Texas	Guadalupe Peak	8,751	Gulf of Mexico	(1)	1,700
Utah	Kings Peak	13,498	Beaverdam Creek	2,000	6,100
Vermont	Mount Mansfield	4,393	Lake Champlain	95	1,000
Virginia	Mount Rogers	5,720	Atlantic Ocean	(1)	950
Washington	Mount Rainier	14,410	Pacific Ocean	(1)	1,700
West Virginia	Spruce Knob	4,860	Potomac River	240	1,500
Wisconsin	Sugarbush Hill	1,951	Lake Michigan	581	1,050
Wyoming	Gannett Peak	13,785	Belle Fourche River	3,100	6,700
Alaska	Mount McKinley	20,320	Pacific Ocean	(1)	—
Canal Zone	Cerro Gajera	1,205	Atlantic Ocean	(1)	100
Guam	Mount Lamam	1,334	Pacific Ocean	(1)	—
Hawaii	Mauna Kea	13,796	Pacific Ocean	(1)	—
Puerto Rico	Cerro de Punta	4,389	Atlantic Ocean	(1)	—
Samoa	Lata	3,056	—	—	—
Virgin Islands	Crown Mountain	1,556	Atlantic Ocean	(1)	—

1 Sea level.

Source: Department of the Interior, Geological Survey; *Extreme and Mean Altitudes in the United States, Its Territories and Possessions*, and records.

No. 208.—ESTIMATED WATER USE: 1900 TO 1975

[In billions of gallons daily average. In preparing these projections, it was estimated that the population residing in continental United States would grow from 164.6 million in 1955 to 206.6 million in 1975, and that the index of industrial production would rise 50 percent in the same period]

YEAR	TOTAL WATER USE		IRRIGATION ¹		PUBLIC WATER SUPPLIES		SELF-SUPPLIED USE					
							Domestic ²		Industrial and miscellaneous ³		Steam electric power	
	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground
1900.....	40.19	6.97	20.19	2.50	3.00	1.14	2.00	1.67	10.00	1.50	5.00	0.16
1910.....	66.44	11.18	39.04	5.85	4.70	1.41	2.20	1.84	14.00	1.89	6.50	0.19
1920.....	92.34	14.60	55.94	8.30	6.00	1.80	2.40	2.04	18.00	2.25	10.00	0.21
1930.....	110.50	16.53	60.20	8.88	8.00	2.26	2.90	2.54	21.00	2.48	18.40	0.37
1940.....	135.43	19.55	71.03	10.36	10.10	2.75	3.10	2.77	29.00	3.24	22.20	0.43
1945.....	175.06	24.55	83.06	12.76	12.00	3.13	3.20	2.95	48.00	5.18	28.80	0.53
1950.....	203.10	31.48	100.00	18.00	14.10	3.58	4.60	4.37	46.00	4.86	38.40	0.67
1955.....	262.04	41.24	119.84	24.75	17.00	4.18	5.40	5.16	60.00	6.13	59.80	1.02
1960.....	312.45	48.32	134.05	28.93	22.00	5.23	6.00	5.81	71.90	7.11	77.60	1.24
1965.....	359.47	55.21	148.07	33.31	25.00	5.75	6.50	6.34	87.70	8.45	92.20	1.35
1970.....	404.51	62.39	159.01	38.41	27.80	6.14	6.90	6.74	103.00	9.58	107.80	1.52
1975.....	453.08	69.37	169.68	43.84	29.80	6.26	7.20	7.04	115.40	10.40	131.00	1.83

¹ Total take, including delivery losses but not including reservoir evaporation.

² Nonfarm domestic and farm domestic and farm stock wells.

³ Manufacturing industry, mineral industry, commercial, air conditioning, resorts, motels, military, and miscellaneous.

Source: Department of Commerce, Business and Defense Services Administration; *Water Use in the United States, 1900-1975*. (Bulletin 136.)

No. 209.—INVENTORY OF PUBLIC WATER SUPPLIES FOR COMMUNITY WATER SYSTEMS: 1955

[Includes only systems serving a 1950 population of 25,000 or more. Estimated number of public water systems in continental United States is 17,500 systems serving a population of approximately 113 million. An estimated 16 percent of water used by manufacturing industries is supplied by public water systems]

ITEM	Total communities	COMMUNITIES HAVING A POPULATION SERVED OF—				
		500,000 or more	250,000 to 500,000	100,000 to 250,000	50,000 to 100,000	25,000 ¹ to 50,000
Communities and districts.....number.....	579	38	35	112	184	210
1950 Census population.....1,000.....	64,108	31,319	6,871	10,672	9,075	6,171
Estimated population served.....do.....	84,770	43,545	10,360	14,466	10,308	6,001
Owncship of public water supply.....number.....	551	38	35	107	179	192
Municipal or district—public.....do.....	445	32	25	85	146	157
Private.....do.....	106	6	10	22	33	35
Average output of water ²mil. gal. daily.....	12,326.6	6,551.5	1,326.7	2,084.1	1,388.1	976.2
Water used, maximum month ²mil. gal.....	505,031.8	270,187.9	52,439.5	86,034.1	58,332.9	38,050.1
Water used, maximum day ²mil. gal. daily.....	20,027.7	10,442.2	2,113.1	3,528.7	2,397.4	1,546.3
Impounded storage.....mil. gal.....	4,055,894.3	1,816,946.0	527,304.0	1,078,151.6	284,301.1	349,191.6
Safe yield watershed or stream.....mil. gal. daily.....	33,973.5	6,420.0	4,001.8	16,325.8	5,549.7	1,676.2
Transmission capacity, maximum.....do.....	25,839.0	17,014.0	2,690.1	2,894.2	2,094.1	1,146.6
Dependable yield, ground water.....do.....	4,738.6	785.3	437.3	1,574.1	1,075.5	866.4
Raw water storage.....mil. gal.....	246,779.1	178,044.0	53,064.0	862.6	12,648.4	2,160.1
Raw water pumping capacity.....mil. gal. daily.....	17,646.7	8,221.4	1,681.5	3,590.6	2,609.2	1,544.0
Treatment plant:						
Rated capacity.....do.....	17,429.9	7,447.6	2,159.3	3,677.1	2,254.2	1,891.7
Overload capacity ²do.....	21,120.4	9,224.1	2,617.1	4,373.5	2,732.9	2,172.8
Service pumping capacity.....mil. gal. daily.....	24,162.8	11,475.2	2,655.1	4,336.0	3,704.8	1,991.7
Distribution storage:						
Pumped to mains.....mil. gal.....	5,563.7	1,909.1	637.7	1,373.0	1,175.8	488.1
Elevated.....do.....	28,003.7	21,923.4	991.7	2,357.1	1,824.3	907.2
Number of services ²1,000.....	16,831	7,022	2,110	3,385	2,659	1,655
Number of meters ²do.....	14,444	5,358	2,045	3,088	2,483	1,470

¹ Includes systems serving over 25,000 population although Census population was less than 25,000.

² Approximately 2 to 4 percent estimated.

Source: Department of Commerce, Business and Defense Services Administration.

NO. 210.—GROUND ELEVATION OF WEATHER STATIONS AND MEAN AND LATEST DATE IN SPRING, AND MEAN AND EARLIEST DATE IN FALL, OF OCCURRENCE OF FREEZE (32°), FOR SELECTED CITIES

[Date of freeze based on standard 30-year period (1921 to 1950)]

STATION		Ground elevation (feet)	OCCURENCE OF FREEZE			
			Spring date		Fall date	
			Mean	Latest	Mean	Earliest
Alabama.....	Mobile.....	10	Feb. 20	Mar. 20	Dec. 5	Nov. 15
Arizona.....	Phoenix.....	1,083	Jan. 30	Mar. 2	Dec. 5	Nov. 4
Arkansas.....	Little Rock.....	257	Mar. 16	Apr. 13	Nov. 15	Oct. 23
California.....	Los Angeles.....	312	Jan. 17	Jan. 21	-----	None
	Sacramento.....	25	Jan. 28	Mar. 14	Dec. 5	Nov. 4
	San Francisco.....	52	Jan. 17	Jan. 21	Dec. 12	Dec. 11
Colorado.....	Denver.....	5,221	May 2	May 28	Oct. 14	Sept. 18
Connecticut.....	Hartford.....	169	Apr. 22	May 10	Oct. 19	Sept. 27
Delaware.....	Wilmington.....	73	Apr. 18	May 9	Oct. 26	Sept. 27
Dist. of Col.....	Washington.....	72	Apr. 10	May 12	Oct. 28	Oct. 2
Florida.....	Jacksonville.....	18	Feb. 15	May 14	Nov. 30	Nov. 9
	Miami.....	8	-----	-----	-----	-----
Georgia.....	Atlanta.....	1,054	Mar. 20	Apr. 15	Nov. 19	Oct. 24
Idaho.....	Boise.....	2,842	Apr. 29	May 23	Oct. 16	Sept. 20
Illinois.....	Chicago.....	610	Apr. 19	May 13	Oct. 28	Sept. 25
	Peoria.....	654	Apr. 22	May 25	Oct. 16	Sept. 29
Indiana.....	Indianapolis.....	718	Apr. 17	May 11	Oct. 27	Oct. 1
Iowa.....	Des Moines.....	807	Apr. 20	May 11	Oct. 19	Sept. 28
Kansas.....	Wichita.....	1,321	Apr. 5	Apr. 21	Nov. 1	Sept. 27
Kentucky.....	Louisville.....	457	Apr. 1	Apr. 19	Nov. 7	Oct. 15
Louisiana.....	New Orleans.....	9	Feb. 15	Mar. 20	Dec. 3	Nov. 13
Maine.....	Portland.....	61	Apr. 29	May 30	Oct. 15	Sept. 17
Maryland.....	Baltimore.....	146	Mar. 28	Apr. 16	Nov. 17	Oct. 20
Massachusetts.....	Boston.....	15	Apr. 16	May 19	Oct. 25	Sept. 26
Michigan.....	Detroit.....	619	Apr. 25	May 12	Oct. 23	Sept. 29
	Sault Ste. Marie.....	721	May 18	June 8	Oct. 3	Aug. 22
Minnesota.....	Duluth.....	1,162	May 13	June 1	Oct. 3	Sept. 13
	Minneapolis.....	830	Apr. 30	May 24	Oct. 13	Sept. 18
Mississippi.....	Jackson.....	305	Mar. 10	Apr. 13	Nov. 13	Oct. 17
Missouri.....	Kansas City.....	741	Apr. 5	Apr. 17	Oct. 31	Oct. 6
	St. Louis.....	465	Apr. 2	May 2	Nov. 8	Oct. 14
Montana.....	Butte.....	5,530	June 8	June 30	Aug. 28	July 1
Nebraska.....	Omaha.....	978	Apr. 14	-----	Oct. 19	-----
Nevada.....	Reno.....	4,397	May 14	June 25	Oct. 2	Aug. 30
New Hampshire.....	Concord.....	339	May 11	May 26	Sept. 30	Sept. 13
New Jersey.....	Atlantic City.....	8	Apr. 10	-----	Nov. 5	-----
New Mexico.....	Albuquerque.....	5,310	Apr. 16	May 18	Oct. 29	Oct. 11
New York.....	Albany.....	19	Apr. 27	May 20	Oct. 13	Sept. 23
	Buffalo.....	693	Apr. 30	May 24	Oct. 25	Sept. 23
	New York.....	10	Apr. 7	Apr. 24	Nov. 12	Oct. 19
North Carolina.....	Charlotte.....	727	Mar. 21	Apr. 16	Nov. 15	Oct. 15
	Raleigh.....	400	Mar. 24	Apr. 20	Nov. 16	Oct. 29
North Dakota.....	Bismarck.....	1,650	May 11	May 30	Sept. 24	Sept. 6
Ohio.....	Cincinnati.....	761	Apr. 15	May 25	Oct. 25	Sept. 28
	Cleveland.....	787	Apr. 21	May 14	Nov. 2	Sept. 29
	Columbus.....	815	Apr. 17	May 9	Oct. 30	Oct. 7
Oklahoma.....	Oklahoma City.....	1,254	Mar. 28	Apr. 17	Nov. 7	Oct. 23
Oregon.....	Portland.....	30	Feb. 28	May 4	Nov. 26	Oct. 30
Pennsylvania.....	Philadelphia.....	26	Mar. 30	Apr. 20	Nov. 17	Oct. 19
	Pittsburgh.....	749	Apr. 16	May 4	Nov. 3	Oct. 10
Rhode Island.....	Providence.....	55	Apr. 13	Apr. 24	Oct. 27	Oct. 3
South Carolina.....	Columbia.....	217	Mar. 14	Apr. 13	Nov. 21	Nov. 1
South Dakota.....	Sioux Falls.....	1,420	May 5	May 29	Oct. 3	Sept. 12
Tennessee.....	Memphis.....	263	Mar. 20	Apr. 15	Nov. 12	Oct. 17
	Nashville.....	577	Mar. 28	Apr. 19	Nov. 7	Oct. 17
Texas.....	Dallas.....	487	-----	-----	-----	-----
	El Paso.....	3,920	-----	-----	-----	-----
	Houston.....	41	Feb. 5	Mar. 26	Dec. 11	Oct. 25
Utah.....	Salt Lake City.....	4,260	Apr. 12	Apr. 30	Nov. 1	Oct. 11
Vermont.....	Burlington.....	331	May 8	May 23	Oct. 3	Sept. 13
Virginia.....	Norfolk.....	26	Mar. 18	Apr. 14	Nov. 27	Nov. 7
	Richmond.....	162	Apr. 2	Apr. 20	Nov. 8	Oct. 21
Washington.....	Seattle.....	14	Feb. 23	Apr. 3	Nov. 26	Oct. 19
	Spokane.....	2,357	Apr. 20	May 16	Oct. 12	Sept. 13
West Virginia.....	Charleston.....	950	Apr. 18	May 11	Oct. 28	Sept. 29
Wisconsin.....	Milwaukee.....	672	Apr. 20	May 9	Oct. 25	Sept. 24
Wyoming.....	Cheyenne.....	6,131	May 20	June 18	Sept. 27	Sept. 5
Alaska.....	Juneau.....	15	Apr. 27	June 8	Oct. 19	Sept. 22
Hawaii.....	Honolulu.....	12	-----	-----	-----	-----
Puerto Rico.....	San Juan.....	47	-----	-----	-----	-----

Source: Department of Commerce, Weather Bureau; records.

No. 211.—NORMAL MONTHLY AVERAGE TEMPERATURE, FOR SELECTED CITIES

[Based on standard 30-year period (1921 to 1950)]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala. Mobile	53.1	55.5	60.1	67.4	74.3	80.5	81.9	82.0	78.7	69.9	59.4	54.1	68.1
Ariz. Phoenix	51.3	55.7	60.9	68.2	76.6	85.0	90.9	88.9	83.6	72.1	60.1	53.4	70.5
Ark. Little Rock	41.8	45.6	52.8	60.5	69.8	78.5	81.3	74.8	64.1	51.5	43.9	62.4	62.4
Calif. Los Angeles	55.0	56.4	58.9	61.5	64.8	67.8	72.5	72.9	71.0	66.6	62.1	57.3	63.9
Calif. Sacramento	45.2	50.6	54.9	59.2	65.0	71.2	75.3	74.0	71.3	63.8	54.3	46.7	60.9
Calif. San Francisco	50.1	53.0	54.9	55.7	57.1	59.1	58.9	59.3	61.6	61.0	57.2	51.9	56.7
Colo. Denver	31.4	34.5	39.3	46.6	57.3	67.3	73.7	72.4	63.7	53.0	41.3	34.1	51.4
Conn. Hartford	27.0	27.5	36.9	47.4	58.9	67.7	72.7	70.4	63.1	52.6	41.7	30.1	49.7
Del. Wilmington	33.3	33.7	42.5	51.8	62.8	71.8	75.9	73.8	68.0	56.2	45.5	35.1	54.2
D. C. Washington	36.5	37.5	45.7	54.7	65.2	73.9	77.8	75.8	69.9	58.4	48.0	38.2	56.8
Fla. Jacksonville	57.3	58.7	63.4	69.1	75.2	80.2	81.7	81.5	79.1	71.3	62.7	57.7	69.8
Fla. Miami	68.5	68.7	70.8	74.1	77.1	80.3	81.6	82.1	80.0	77.6	72.3	69.5	75.3
Ga. Atlanta	44.6	46.6	53.1	61.5	69.5	76.9	78.7	78.1	73.9	63.5	62.1	45.3	62.0
Idaho. Boise	27.3	34.0	41.8	49.9	58.1	65.1	74.8	72.5	62.4	52.6	39.6	31.0	50.8
Ill. Chicago	24.9	27.4	37.0	48.1	59.2	69.4	74.6	72.7	65.6	54.1	39.5	28.0	50.1
Ill. Peoria	25.0	28.3	38.3	50.5	61.0	70.9	75.7	73.7	66.3	54.7	39.7	28.6	51.0
Ind. Indianapolis	31.1	33.1	41.9	52.7	63.5	73.5	78.0	75.9	69.2	58.2	43.6	33.2	54.5
Iowa. Des Moines	22.8	26.7	37.6	51.0	62.0	71.5	77.1	74.5	66.5	55.0	39.1	27.0	50.9
Kans. Wichita	32.0	37.2	45.3	56.2	64.9	75.3	80.9	79.9	71.7	60.2	45.1	35.5	57.0
Ky. Louisville	35.6	37.8	46.1	56.5	65.9	74.9	78.6	76.9	71.1	59.8	46.7	37.6	57.3
La. New Orleans	55.9	58.5	63.0	69.8	76.1	81.9	83.1	83.4	80.3	72.8	62.5	57.1	70.4
Maine Portland	20.7	21.5	31.5	41.9	52.3	61.8	67.8	66.4	58.6	48.4	37.5	25.1	44.5
Md. Baltimore	36.6	37.3	45.3	54.3	65.3	74.3	78.5	76.4	70.4	59.3	48.7	38.8	57.1
Mass. Boston	29.1	29.2	37.6	47.2	57.8	67.2	72.2	71.5	64.3	55.0	44.4	32.8	50.7
Mich. Detroit	26.2	26.7	35.1	46.4	57.8	68.1	73.1	71.3	64.3	52.9	40.1	29.5	49.3
Mich. Sault Ste. Marie	13.8	13.5	23.0	36.8	48.9	58.1	63.9	62.9	55.2	44.4	31.5	19.9	39.3
Minn. Duluth	10.3	13.3	24.6	38.3	49.3	58.7	65.8	64.8	56.1	45.2	28.6	15.0	39.2
Minn. Minneapolis	14.6	18.2	30.9	46.0	58.5	68.2	74.1	71.5	62.2	50.4	33.0	19.4	45.6
Miss. Jackson	48.3	51.0	56.8	64.9	72.3	79.9	82.1	81.4	76.7	66.4	55.2	49.0	65.4
Mo. Kansas City	30.0	34.6	43.8	55.8	65.5	75.4	80.9	79.0	70.6	59.6	44.3	33.7	56.1
Mo. St. Louis	33.3	36.7	45.3	56.5	66.2	75.8	80.6	78.6	71.4	60.6	46.0	36.2	57.3
Mont. Butte	14.2	18.8	27.2	38.2	46.9	54.5	62.4	60.0	50.0	41.0	28.2	18.5	38.3
Nebr. Omaha	23.0	27.2	38.2	52.2	62.7	72.6	78.5	75.7	67.0	55.5	38.9	27.4	51.6
Nev. Reno	31.2	36.3	40.6	47.7	55.3	61.5	69.6	67.4	60.5	50.7	40.2	33.2	49.5
N. H. Concord	20.1	21.2	31.8	43.0	54.8	64.1	69.0	66.5	58.8	48.0	36.7	24.0	44.8
N. J. Atlantic City	35.8	35.4	41.5	49.4	59.1	68.7	73.6	73.1	68.3	58.0	48.1	38.2	54.1
N. Mex. Albuquerque	33.7	39.5	46.0	55.5	65.3	74.9	79.0	76.9	69.9	58.2	44.0	36.0	56.6
N. Y. Albany	25.2	25.6	35.8	47.3	59.4	68.7	73.1	71.3	63.8	52.5	41.4	29.1	49.4
N. Y. Buffalo	25.5	24.7	33.0	43.8	55.4	65.5	70.6	68.9	62.4	51.2	39.9	29.0	47.5
N. Y. New York	32.9	32.7	40.7	49.8	60.8	69.8	74.6	73.2	67.3	57.0	46.6	35.7	53.4
N. C. Charlotte	42.3	44.4	51.0	59.7	68.3	76.6	78.6	77.3	72.6	61.5	50.4	43.0	60.5
N. C. Raleigh	42.7	44.4	51.3	59.7	68.5	76.6	78.3	78.0	73.4	62.6	52.1	44.0	61.1
N. Dak. Bismarck	9.2	12.7	26.7	43.1	54.8	64.3	72.1	69.3	58.5	45.7	28.4	15.5	41.7
Ohio. Cincinnati	33.1	34.8	43.3	53.6	63.6	72.8	76.6	74.8	68.9	57.4	44.6	35.0	54.9
Ohio. Cleveland	29.5	30.1	37.7	48.0	59.1	69.3	73.7	72.2	66.3	55.5	43.8	32.9	51.5
Ohio. Columbus	31.1	32.6	41.1	51.4	62.2	72.0	75.8	73.8	67.8	56.1	43.2	33.3	53.4
Okla. Oklahoma City	37.8	42.5	50.3	60.9	68.6	78.0	82.5	82.2	74.6	63.8	49.7	40.9	61.0
Oreg. Portland	39.5	43.8	48.4	53.6	59.1	63.8	68.5	68.4	63.9	56.1	47.2	42.4	54.6
Pa. Philadelphia	34.9	35.1	43.5	52.7	63.7	72.6	77.2	75.2	69.3	58.5	47.8	37.4	55.7
Pa. Pittsburgh	33.0	33.6	41.6	51.8	62.6	71.7	75.4	73.1	67.9	55.9	44.6	35.2	53.9
R. I. Providence	30.3	30.3	38.9	48.1	59.0	68.1	73.5	71.8	64.8	54.5	44.0	33.2	51.4
S. C. Columbia	47.0	49.4	55.9	63.8	71.8	79.2	80.8	79.7	75.9	65.5	54.9	48.1	64.4
S. Dak. Sioux Falls	14.2	19.5	32.0	46.4	58.1	69.0	74.8	72.4	62.4	50.0	32.2	19.4	45.8
Tenn. Memphis	41.9	44.5	52.4	62.2	70.5	78.7	81.3	80.3	74.8	65.0	52.1	44.4	62.4
Tenn. Nashville	39.9	42.3	49.8	59.7	68.2	76.9	80.0	78.7	73.2	61.8	49.3	41.6	60.1
Tex. Dallas	45.7	49.8	57.4	66.3	73.7	81.9	85.5	85.8	78.9	68.8	55.8	48.3	66.5
Tex. El Paso	43.4	49.1	54.5	63.1	71.6	80.2	81.3	79.8	74.9	65.2	52.0	44.8	63.3
Tex. Houston	58.5	57.7	62.6	68.5	75.9	81.8	83.8	82.8	80.0	72.6	61.9	55.8	70.0
Utah. Salt Lake City	26.5	33.4	41.1	50.1	58.9	67.1	76.6	74.4	64.2	52.9	39.3	31.5	51.3
Vt. Burlington	17.9	18.1	29.3	42.3	55.4	65.5	70.4	68.1	59.9	48.2	36.4	22.8	44.5
Va. Norfolk	43.1	43.5	50.5	57.9	67.3	76.0	78.7	77.8	73.4	63.0	52.2	44.5	60.7
Va. Richmond	39.6	40.9	48.2	56.8	65.5	74.7	77.9	76.3	71.2	60.0	49.8	40.8	58.6
Wash. Seattle	40.7	43.5	47.0	51.8	57.3	61.8	65.6	65.2	61.0	54.4	47.0	43.1	53.2
W. Va. Spokane	24.9	29.7	38.1	46.3	54.7	61.4	69.6	67.9	59.2	45.6	35.7	29.1	47.1
W. Va. Charleston	36.4	38.2	44.9	55.0	63.7	72.0	75.4	73.6	68.6	57.4	45.8	38.1	55.8
Wis. Milwaukee	23.0	25.1	34.0	44.8	54.8	65.4	72.3	70.9	63.8	52.6	38.5	26.8	47.7
Wyo. Cheyenne	25.5	27.7	31.8	41.1	50.1	60.3	68.1	66.8	57.4	46.4	35.1	28.7	44.9
Alaska. Juneau	29.5	29.9	34.4	40.4	47.8	54.5	56.0	55.9	50.8	44.0	36.2	30.6	42.5
T. H. Honolulu	72.0	72.0	72.2	73.3	75.1	76.9	77.9	78.5	78.3	77.5	75.2	73.3	75.2
P. R. San Juan	74.9	74.9	75.6	76.6	78.7	79.5	80.0	80.5	80.5	80.1	78.4	76.5	78.0

Source: Department of Commerce, Weather Bureau; records.

No. 212.—NORMAL MONTHLY MAXIMUM TEMPERATURE, FOR SELECTED CITIES

[Based on standard 30-year period (1921 to 1950)]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.... Mobile.....	61.4	64.1	68.5	75.8	82.5	88.3	89.8	90.1	86.7	79.2	68.6	62.6	76.5
Ariz.... Phoenix.....	64.3	68.9	74.9	82.6	91.7	100.1	108.5	101.4	97.3	86.8	75.0	66.4	84.4
Ark.... Little Rock.....	51.1	55.4	63.4	73.4	80.5	89.1	92.7	92.4	86.4	76.5	62.4	53.5	73.1
Calif.... Los Angeles.....	64.6	65.7	68.5	70.9	74.1	77.2	83.2	83.7	81.0	76.8	73.0	67.1	73.9
Sacramento.....	52.1	58.7	64.6	70.6	78.1	86.0	92.0	90.4	86.1	78.1	64.5	53.7	72.7
San Francisco.....	55.4	58.7	61.0	62.0	63.1	65.2	64.4	64.8	68.4	68.0	63.8	57.0	62.7
Colo.... Denver.....	42.5	45.6	50.5	60.1	68.6	79.5	86.9	84.3	70.2	65.3	52.9	45.3	63.1
Conn.... Hartford.....	35.4	36.2	46.1	57.8	70.0	78.3	83.0	80.8	74.0	63.8	51.0	38.4	59.6
Del.... Wilmington.....	41.8	42.8	53.0	63.2	74.6	83.1	86.7	84.6	78.8	67.2	55.3	43.9	64.6
D. C.... Washington.....	44.0	45.6	55.0	64.9	75.5	83.7	87.1	85.0	79.1	68.2	56.5	45.6	65.9
Fla.... Jacksonville.....	65.9	67.6	72.4	77.7	83.5	88.3	89.6	89.1	86.0	78.8	71.0	66.3	78.0
Miami.....	74.4	74.9	76.7	79.5	82.8	85.4	86.8	87.2	86.0	82.0	77.7	75.4	80.7
Ga.... Atlanta.....	52.5	55.1	62.3	70.8	78.7	85.9	87.3	88.4	82.3	72.2	60.4	53.0	70.6
Idaho.... Boise.....	34.6	42.3	52.2	62.1	71.4	78.9	80.5	83.0	76.8	65.0	48.7	38.1	62.4
Ill.... Chicago.....	32.7	35.0	45.0	57.6	69.7	80.0	85.3	83.0	75.9	64.3	47.6	35.3	59.3
Peoria.....	33.3	36.6	47.6	61.1	72.0	81.9	87.0	84.8	77.5	65.8	48.4	39.4	61.0
Ind.... Indianapolis.....	38.7	40.7	50.5	62.3	73.6	83.8	88.3	85.7	79.0	67.7	51.0	39.7	63.4
Iowa.... Des Moines.....	31.4	35.5	46.5	61.0	72.1	81.0	87.6	84.4	76.9	65.7	47.9	35.1	60.4
Kans.... Wichita.....	41.3	47.8	56.4	67.0	75.3	86.0	92.3	91.7	82.8	70.8	54.1	44.6	67.6
Ky.... Louisville.....	43.2	45.8	55.2	66.1	75.4	84.1	87.9	86.2	80.7	69.6	54.6	44.9	66.2
La.... New Orleans.....	63.6	66.6	71.1	77.7	83.8	89.4	90.3	90.5	87.2	80.1	70.1	64.7	77.9
Maine.... Portland.....	30.7	31.6	41.0	51.8	62.6	72.6	78.7	77.4	69.7	59.6	47.1	34.5	54.8
Md.... Baltimore.....	43.6	44.6	53.7	63.3	74.4	83.1	86.9	84.6	78.6	67.8	56.2	45.4	65.2
Mass.... Boston.....	36.5	39.5	45.2	54.9	66.3	75.9	80.0	79.4	72.6	63.1	51.6	39.7	58.5
Mich.... Detroit.....	33.1	33.8	43.1	55.9	68.1	78.3	83.5	81.4	74.0	62.2	47.1	36.7	58.0
Sault Ste. Marie.....	21.9	22.7	31.7	45.7	59.7	69.7	75.4	73.5	64.4	52.4	37.9	26.7	48.5
Minn.... Duluth.....	18.7	22.7	31.7	45.7	59.0	68.8	75.8	74.1	64.9	53.5	35.4	22.7	47.9
Minneapolis.....	28.1	27.0	39.1	55.8	69.0	78.6	84.9	82.1	72.5	60.2	40.7	27.2	55.0
Miss.... Jackson.....	58.6	61.5	68.1	76.0	83.7	91.4	93.6	93.1	88.7	79.7	67.2	56.4	76.8
Mo.... Kansas City.....	39.0	44.3	54.1	66.0	75.3	85.2	91.2	89.3	81.1	70.2	53.9	42.3	66.0
St. Louis.....	41.0	44.8	54.2	65.6	75.0	84.6	89.6	87.5	80.4	69.6	53.9	43.5	65.8
Mont.... Butte.....	28.0	32.6	40.2	50.8	60.6	68.5	79.8	77.7	65.8	55.2	40.8	31.3	52.6
Nebr.... Omaha.....	32.4	36.8	48.1	62.9	73.3	82.9	89.3	86.3	78.1	66.8	48.5	36.2	61.8
Nev.... Reno.....	45.7	50.9	56.5	65.1	73.2	80.8	91.8	90.1	82.3	70.2	57.1	47.2	67.6
N. H.... Concord.....	31.6	32.6	42.9	55.5	68.8	77.9	82.6	80.2	72.4	61.7	47.5	34.3	57.3
N. J.... Atlantic City.....	42.4	42.1	48.3	56.1	65.4	75.0	79.3	78.8	74.1	64.8	54.7	44.9	60.5
N. Mex.... Albuquerque.....	45.6	52.3	59.6	69.4	78.9	88.9	91.6	89.2	82.2	71.2	56.7	47.4	69.4
N. Y.... Albany.....	32.9	33.7	44.2	56.7	69.6	78.7	82.6	81.0	73.4	62.0	48.6	36.1	58.3
Buffalo.....	32.4	32.2	40.9	53.1	65.8	76.0	81.1	79.3	72.6	60.4	40.0	35.3	56.3
New York.....	39.9	40.1	48.5	57.9	69.0	77.7	82.3	80.4	74.5	64.5	53.0	42.4	60.9
N. C.... Charlotte.....	52.2	54.9	62.4	71.4	79.8	87.6	88.8	87.4	83.1	73.1	61.4	53.0	71.3
Raleigh.....	51.3	53.9	61.9	71.1	79.6	87.1	88.9	87.6	83.2	73.4	62.2	52.8	71.1
N. Dak.... Bismarck.....	20.1	23.3	36.7	54.6	67.3	76.3	85.5	83.3	72.0	58.5	38.3	25.5	53.5
Ohio.... Cincinnati.....	40.9	43.0	52.7	63.9	74.2	83.2	87.2	85.4	79.7	68.2	53.0	42.4	64.5
Cleveland.....	36.0	36.8	44.8	55.8	66.9	76.9	80.9	78.9	73.7	62.7	50.2	38.4	58.5
Columbus.....	38.2	40.1	49.8	61.2	72.2	81.8	85.8	83.5	77.6	65.7	50.8	40.1	62.2
Okla.... Oklahoma City.....	47.2	52.7	61.5	71.6	78.6	88.1	93.1	92.8	85.3	74.5	60.0	50.2	71.3
Oreg.... Portland.....	44.2	49.5	55.6	62.2	68.6	73.1	79.2	78.8	73.4	63.5	52.7	46.8	62.3
Pa.... Philadelphia.....	41.5	42.2	51.7	61.6	72.8	81.3	85.3	83.0	77.2	66.6	54.7	43.7	63.5
Pittsburgh.....	40.2	41.4	50.5	61.9	73.0	81.5	85.1	82.6	77.0	65.3	52.1	41.7	62.7
R. I.... Providence.....	37.6	37.9	46.6	56.6	68.2	77.4	82.6	80.8	73.8	63.5	52.0	40.4	59.8
S. C.... Columbia.....	57.0	59.2	66.1	74.6	82.4	89.3	90.2	89.0	85.3	75.9	64.9	57.2	74.3
S. Dak.... Sioux Falls.....	24.4	30.3	42.3	58.6	70.8	80.1	87.9	85.0	75.4	62.9	42.9	29.4	57.5
Tenn.... Memphis.....	49.3	51.7	60.7	70.6	78.9	87.0	89.4	88.4	83.1	74.1	60.1	51.7	70.4
Nashville.....	48.9	51.6	60.1	70.5	79.1	87.7	90.6	89.4	84.6	73.8	59.2	50.5	70.5
Tex.... Dallas.....	55.3	59.5	68.1	76.6	83.5	91.5	95.4	96.1	89.2	79.6	66.3	57.8	76.6
El Paso.....	55.8	62.2	68.2	76.9	84.9	93.8	95.5	91.6	87.0	78.1	65.5	56.9	76.2
Houston.....	61.9	65.8	71.1	78.0	84.5	89.9	92.3	92.9	88.6	82.1	71.0	64.2	78.5
Utah.... Salt Lake City.....	36.6	42.5	52.0	62.4	72.4	82.0	91.7	89.2	79.2	66.5	50.5	40.2	63.8
Vt.... Burlington.....	27.6	28.2	38.9	52.9	67.3	77.5	82.4	79.8	71.3	58.6	44.3	31.1	55.0
Va.... Norfolk.....	50.7	51.6	60.0	67.2	76.3	85.0	87.7	85.2	80.4	70.5	60.7	51.7	68.8
Richmond.....	48.4	50.5	58.8	67.9	77.3	84.8	87.3	85.7	80.9	70.7	59.9	49.7	68.5
Wash.... Seattle.....	45.2	48.8	53.4	59.4	65.6	70.2	75.1	74.2	68.8	60.5	51.8	47.3	60.0
Spokane.....	30.2	36.4	45.9	56.0	65.5	72.1	82.4	80.6	70.9	58.3	41.5	33.8	56.1
W. Va.... Charleston.....	46.3	48.7	56.6	68.2	77.0	84.5	87.5	85.5	81.4	70.6	56.6	47.5	67.5
Wis.... Milwaukee.....	30.0	32.1	40.9	52.3	63.3	74.1	80.1	78.2	71.0	59.9	45.0	33.2	55.0
Wy.... Cheyenne.....	37.1	39.8	43.7	53.5	62.8	74.0	82.6	80.9	71.7	59.8	46.9	40.2	57.8
Alaska. Juneau.....	33.5	34.1	39.1	46.3	54.8	61.9	61.9	62.2	56.3	48.4	40.2	34.4	47.8
T. H.... Honolulu.....	76.7	76.7	76.8	77.7	79.5	81.3	82.2	82.8	82.9	82.0	79.7	77.7	79.7
P. R.... San Juan.....	79.6	79.7	80.6	81.5	83.5	84.0	84.2	85.0	85.5	85.3	83.2	81.1	82.8

Source: Department of Commerce, Weather Bureau; records.

No. 213.—NORMAL MONTHLY MINIMUM TEMPERATURE, FOR SELECTED CITIES

[Based on standard 30-year period (1921 to 1950)]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala. Mobile	44.8	46.8	51.6	58.9	66.0	72.6	74.0	73.9	70.6	60.5	50.2	45.6	59.6
Ariz. Phoenix	38.2	42.5	46.9	53.8	61.4	69.8	77.5	76.3	69.9	57.4	45.1	40.4	56.6
Ark. Little Rock	32.4	35.7	42.2	51.6	59.0	67.9	71.1	70.2	63.1	51.7	40.5	34.3	51.6
Calif. Los Angeles	45.4	47.1	49.3	52.1	55.4	58.4	61.7	62.1	60.3	56.4	51.1	47.5	53.9
Sacramento	38.3	42.4	45.1	47.8	51.8	56.3	58.6	57.6	56.5	51.4	44.0	39.7	49.1
San Francisco	44.8	47.3	48.7	49.4	51.1	52.9	53.4	53.8	54.8	54.0	50.6	46.8	50.6
Colo. Denver	20.3	23.3	28.0	37.1	45.9	55.0	61.5	60.4	51.1	40.6	29.6	22.9	39.6
Conn. Hartford	18.5	18.7	27.6	37.0	47.7	57.1	62.3	60.0	52.2	41.3	32.3	21.7	39.7
Del. Wilmington	24.7	24.6	32.0	40.4	51.0	60.4	65.0	62.9	57.1	45.2	35.7	26.2	43.8
D. C. Washington	28.9	29.3	36.4	44.5	54.9	64.1	68.6	66.6	60.7	48.6	39.4	30.8	47.7
Fla. Jacksonville	48.7	49.7	54.3	60.5	66.8	72.1	73.7	73.9	72.1	63.8	54.3	49.1	61.6
Miami	62.6	62.5	64.8	68.6	71.9	75.2	76.4	76.9	76.0	72.6	66.8	63.6	69.8
Ga. Atlanta	36.6	38.0	43.8	52.1	60.2	67.8	70.0	69.7	65.4	54.7	43.8	37.6	53.3
Idaho. Boise	19.9	25.6	31.3	37.7	44.7	51.3	59.1	56.9	48.0	40.2	30.4	23.8	39.1
Ill. Chicago	17.1	19.8	29.0	38.6	48.7	58.8	63.9	62.3	55.2	43.9	31.3	20.6	40.8
Peoria	16.7	19.9	29.0	39.9	50.0	59.9	64.4	62.5	55.0	43.5	31.0	20.7	41.0
Ind. Indianapolis	23.4	25.5	33.2	43.1	53.3	63.2	67.7	66.0	59.4	48.6	36.1	26.6	45.5
Iowa. Des Moines	13.3	16.9	27.9	40.1	50.9	60.9	65.6	63.7	55.4	43.9	29.4	17.9	40.5
Kans. Wichita	22.6	26.5	34.1	45.3	54.5	64.6	69.4	68.0	60.5	49.5	35.0	26.3	46.4
Ky. Louisville	27.9	29.8	37.6	46.9	56.3	65.7	69.3	67.6	61.4	49.9	38.6	30.2	48.4
La. New Orleans	48.3	50.4	54.8	61.8	68.4	74.4	75.8	76.2	73.4	65.4	54.9	49.5	62.8
Maine. Portland	10.6	11.3	21.9	31.9	42.0	51.0	56.9	55.3	47.4	37.2	27.8	15.7	34.1
Md. Baltimore	29.6	29.9	36.8	45.3	56.2	65.5	70.0	68.2	62.2	50.7	41.1	32.1	49.0
Mass. Boston	21.6	21.8	30.0	39.4	49.3	58.4	64.3	63.5	55.9	46.9	37.1	25.8	42.8
Mich. Detroit	19.3	19.6	27.0	36.8	47.5	57.6	62.6	61.2	54.5	43.6	33.1	23.2	40.5
Sault Ste. Marie	5.7	4.3	14.2	27.8	38.1	46.8	52.4	52.3	45.0	36.4	25.1	13.0	30.1
Minn. Duluth	1.9	4.3	16.4	29.7	39.5	48.5	55.8	55.5	47.3	36.8	21.7	7.3	30.4
Minneapolis	6.1	9.4	22.7	36.2	48.0	57.8	63.3	60.8	51.8	40.6	25.2	11.5	36.1
Miss. Jackson	37.9	40.4	45.5	53.7	60.8	68.3	70.5	69.7	64.7	53.1	43.1	38.6	53.9
Mo. Kansas City	21.0	24.8	33.5	45.6	55.6	65.6	70.5	68.7	60.1	48.9	34.7	25.1	46.2
St. Louis	25.6	28.5	36.4	47.3	57.3	66.9	71.6	69.7	62.4	51.5	38.0	28.8	48.7
Mont. Butte	0.4	4.9	14.1	25.5	33.1	40.4	45.0	42.2	34.2	26.7	15.5	5.0	24.0
Nebr. Omaha	13.5	17.5	28.3	41.5	52.1	62.3	67.6	65.1	55.9	44.2	29.3	18.6	41.3
Nev. Reno	16.6	21.6	24.6	30.3	37.3	42.1	47.3	44.7	38.7	31.2	23.3	19.1	31.4
N. H. Concord	8.6	9.8	20.7	30.4	40.7	50.2	55.3	52.8	45.2	34.3	25.8	13.6	32.3
N. J. Atlantic City	20.1	28.6	34.7	42.6	52.7	62.4	67.9	67.4	62.4	51.2	41.4	31.4	47.7
N. Mex. Albuquerque	21.8	26.7	32.3	41.5	51.6	60.9	66.4	64.6	57.5	45.2	31.3	24.5	43.7
N. Y. Albany	17.4	17.4	27.3	37.8	49.1	58.6	63.6	61.5	54.1	43.0	34.2	22.0	40.5
Buffalo	18.5	17.1	25.1	34.4	44.9	55.0	60.0	58.5	52.2	42.0	32.7	22.6	38.6
New York	25.8	25.3	32.8	41.7	52.5	61.8	66.9	66.0	60.1	49.5	39.5	28.9	45.9
N. C. Charlotte	32.3	33.8	39.5	47.9	56.8	65.6	68.3	67.2	62.1	49.8	39.4	33.0	49.6
Raleigh	34.0	34.9	40.7	48.3	57.4	66.1	69.6	68.3	63.6	51.7	41.9	35.1	51.0
N. Dak. Bismarck	1.8	2.1	16.6	31.6	42.2	52.2	58.6	55.2	44.9	32.9	18.5	5.5	29.9
Ohio. Cincinnati	25.2	26.6	33.8	43.3	52.9	62.4	65.9	64.2	58.0	46.5	36.2	27.5	45.2
Cleveland	23.0	23.3	30.5	40.1	51.2	61.7	66.5	65.5	58.8	48.3	37.3	27.3	44.5
Columbus	23.9	25.0	32.4	41.6	52.2	62.1	66.8	64.1	57.9	46.5	35.6	26.5	44.5
Okla. Oklahoma City	28.3	32.3	39.0	50.2	58.5	67.9	71.8	71.6	63.8	53.1	39.4	31.6	50.6
Oreg. Portland	34.7	38.0	41.1	44.9	49.6	54.4	57.8	57.9	54.4	48.7	41.7	37.9	46.8
Pa. Philadelphia	28.2	28.0	35.2	43.8	54.5	63.8	69.0	67.3	61.3	50.4	40.8	31.0	47.8
Pittsburgh	25.8	25.7	32.7	41.6	52.2	61.8	65.6	63.6	58.7	46.5	37.0	28.7	45.0
R. I. Providence	23.0	22.7	31.1	39.6	49.8	58.7	64.4	62.7	55.7	45.5	36.4	25.9	43.0
S. C. Columbia	38.7	39.5	45.6	53.0	61.2	69.0	71.3	70.4	66.5	55.0	44.8	38.9	54.5
S. Dak. Sioux Falls	4.0	8.7	21.6	34.1	45.4	55.8	61.6	59.8	49.4	37.0	21.4	9.3	34.0
Tenn. Memphis	34.5	37.3	44.1	53.8	62.1	70.4	73.2	72.2	66.4	55.9	44.0	37.1	54.3
Nashville	30.9	33.0	39.5	48.8	57.2	66.1	69.3	68.0	61.8	49.8	39.3	32.6	49.7
Tex. Dallas	36.0	40.0	46.7	56.0	63.9	72.3	75.6	75.5	68.6	57.9	45.3	38.7	56.4
El Paso	30.9	36.0	40.8	49.2	57.8	66.5	69.0	68.0	62.8	52.2	38.4	32.7	50.4
Houston	45.7	49.5	54.0	61.0	67.3	73.6	75.2	75.4	71.4	63.1	52.8	47.4	61.4
Utah. Salt Lake City	21.1	26.3	32.8	40.4	48.2	55.5	64.7	62.6	52.8	42.8	31.9	25.5	42.1
Vt. Burlington	8.2	8.0	19.0	31.6	43.4	53.5	58.4	56.3	48.4	37.8	28.4	14.5	34.0
Va. Norfolk	35.4	35.4	41.0	48.5	58.2	66.9	70.7	70.3	66.4	55.5	45.6	37.2	52.6
Richmond	30.7	31.2	37.6	45.6	55.6	64.6	68.4	66.9	61.5	49.2	39.7	31.9	48.6
Wash. Seattle	36.2	38.1	40.5	44.1	48.9	53.4	56.1	56.2	53.2	48.2	42.1	38.9	46.3
Spokane	19.6	23.0	30.2	36.6	43.8	50.6	56.8	55.1	47.5	38.8	29.8	24.3	38.0
W. Va. Charleston	26.5	27.7	33.1	41.8	50.3	59.5	63.5	61.7	55.7	44.2	35.0	28.6	44.0
Wis. Milwaukee	16.0	18.0	27.0	37.2	46.2	56.6	64.4	63.6	56.5	45.3	33.2	20.3	40.3
Wyo. Cheyenne	13.8	15.6	19.9	28.7	37.3	46.5	53.6	52.6	43.1	32.9	23.2	17.1	32.0
Alaska. Juneau	25.5	25.7	29.6	34.5	40.7	47.1	50.1	49.5	45.3	39.5	32.1	26.8	37.2
T. H. Honolulu	67.2	67.2	67.6	68.8	70.6	72.4	73.5	74.1	73.7	72.9	70.7	68.9	70.6
P. R. San Juan	70.2	70.0	70.6	71.7	73.8	75.0	75.7	76.0	75.4	74.8	73.5	71.8	73.2

Source: Department of Commerce, Weather Bureau; records.

No. 214.—HIGHEST TEMPERATURE OF RECORD, FOR SELECTED CITIES

[For period of record through 1956]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile.	15	84	82	90	92	100	102	104	102	98	93	85	80	104
Ariz.	Phoenix.	19	85	88	92	104	113	117	116	115	118	104	91	88	118
Ark.	Little Rock.	16	83	82	86	92	96	104	107	107	106	94	86	80	107
Calif.	Los Angeles.	16	86	90	88	91	99	97	98	101	110	104	95	87	110
	Sacramento.	23	70	74	82	94	102	112	109	109	109	102	83	71	112
	San Francisco.	20	75	75	83	86	91	92	84	87	97	90	84	71	97
Colo.	Denver.	85	76	77	82	86	95	100	102	105	97	90	79	79	105
Conn.	Hartford.	82	70	72	86	91	94	100	101	101	101	91	83	67	101
Del.	Wilmington.	9	75	74	86	85	93	99	102	101	100	91	85	71	102
D. C.	Washington.	85	80	84	93	95	97	102	106	106	104	96	87	74	106
Fla.	Jacksonville.	85	85	87	91	93	99	103	105	102	100	96	87	84	105
	Miami.	46	83	85	88	91	92	94	95	94	93	91	88	85	95
Ga.	Atlanta.	78	79	78	87	93	97	102	103	102	102	95	82	75	103
Idaho.	Boise.	17	63	66	76	92	95	109	106	105	102	88	73	62	109
Ill.	Chicago.	14	67	69	82	84	94	104	103	101	101	91	81	65	104
	Peoria.	101	71	74	87	92	104	105	113	106	104	92	81	71	113
Ind.	Indianapolis.	19	71	72	81	88	93	102	104	100	100	90	81	69	104
Iowa.	Des Moines.	78	65	78	88	92	105	103	110	110	102	93	82	69	110
Kans.	Wichita.	3	67	80	89	94	99	106	113	107	103	95	80	83	113
Ky.	Louisville.	84	79	78	88	91	98	103	107	105	104	92	83	74	107
La.	New Orleans.	83	83	85	90	91	97	102	102	100	99	94	89	84	102
Maine.	Portland.	16	64	60	86	82	92	97	98	100	95	87	73	60	100
Md.	Baltimore.	85	79	83	90	94	98	105	107	105	101	97	87	75	107
Mass.	Boston.	85	72	68	80	89	97	100	104	101	102	90	83	69	104
Mich.	Detroit.	23	67	68	82	87	93	104	105	101	100	89	81	64	105
	Sault Ste. Marie.	15	43	45	75	82	85	92	92	98	93	80	66	51	98
Minn.	Duluth.	82	55	58	81	88	95	97	106	97	94	85	73	56	108
	Minneapolis.	19	58	56	78	92	95	100	104	102	98	89	75	63	104
Miss.	Jackson.	17	85	82	88	93	99	103	104	106	103	96	86	84	106
Mo.	Kansas City.	23	75	76	89	91	103	108	112	113	109	98	83	74	113
	St. Louis.	21	75	76	87	91	98	104	112	106	102	93	83	75	112
Mont.	Butte.	25	64	60	64	79	88	93	100	99	91	83	68	62	100
Nebr.	Omaha.	21	69	69	88	91	99	105	114	110	104	90	80	72	114
Nev.	Reno.	15	68	70	77	87	94	100	104	102	101	98	77	69	104
N. H.	Concord.	86	72	68	85	92	98	101	102	100	98	92	80	65	102
N. J.	Atlantic City.	83	68	77	84	90	95	99	102	104	94	91	80	68	104
N. Mex.	Albuquerque.	17	67	70	81	88	98	101	102	100	98	87	74	68	102
N. Y.	Albany.	18	64	63	85	93	92	99	100	99	100	91	82	62	100
	Buffalo.	83	72	68	81	86	94	97	96	99	98	92	76	70	99
	New York.	86	71	73	84	91	95	97	102	102	100	90	81	69	102
N. C.	Charlotte.	78	79	82	91	96	98	103	103	103	104	98	85	79	104
	Raleigh.	70	80	82	94	95	99	104	105	103	104	98	88	79	105
N. Dak.	Bismarck.	17	54	62	81	92	98	99	107	109	103	95	73	60	109
Ohio.	Cincinnati.	41	77	76	88	90	95	102	109	103	101	92	83	71	109
	Cleveland.	16	73	68	83	88	92	101	103	102	101	90	82	69	103
	Columbus.	78	74	72	85	90	96	102	106	103	100	91	80	70	106
Okla.	Oklahoma City.	17	80	81	93	95	95	105	109	107	107	96	84	86	109
Oreg.	Portland.	54	65	68	83	93	99	102	107	102	102	90	71	65	107
Pa.	Philadelphia.	15	74	74	87	92	96	100	102	101	100	96	79	72	102
	Pittsburgh.	4	60	60	72	84	87	94	99	97	97	83	72	66	99
R. I.	Providence.	52	68	69	80	91	95	101	101	102	99	90	82	68	102
S. C.	Columbia.	60	82	83	93	96	102	107	107	106	106	101	88	81	107
S. Dak.	Sioux Falls.	64	62	66	83	98	104	105	110	109	104	92	79	62	110
Tenn.	Memphis.	82	79	80	87	91	98	104	106	105	103	95	85	79	106
	Nashville.	86	78	79	89	90	96	106	107	105	105	94	85	76	107
Tex.	Dallas.	16	88	88	96	96	99	105	111	109	105	99	89	89	111
	El Paso.	17	75	80	88	95	104	106	107	103	103	93	84	75	107
	Houston.	18	82	90	96	92	95	99	105	103	99	97	89	83	105
Utah.	Salt Lake City.	28	60	63	78	85	93	103	106	103	98	87	74	66	106
Vt.	Burlington.	50	63	58	84	86	92	96	100	101	95	85	75	67	101
Va.	Norfolk.	86	80	82	92	95	98	103	104	105	100	95	87	78	105
	Richmond.	59	80	82	94	96	98	104	105	107	103	99	87	78	107
Wash.	Seattle.	23	66	70	75	87	92	100	100	96	92	78	70	65	100
	Spokane.	9	51	55	68	84	90	95	100	98	96	80	61	50	100
W. Va.	Charleston.	48	81	80	92	96	98	105	108	108	104	96	88	79	108
Wis.	Milwaukee.	16	62	60	81	82	90	99	101	100	98	86	77	63	101
Wyo.	Cheyenne.	21	63	70	73	78	89	100	100	96	92	82	73	69	100
Alaska.	Juneau.	13	48	48	51	66	82	83	84	78	72	61	56	54	84
T. H.	Honolulu.	34	83	82	83	83	84	85	87	83	85	87	85	85	88
P. R.	San Juan.	58	88	91	91	93	94	93	92	93	94	94	93	90	94

Source: Department of Commerce, Weather Bureau; records.

No. 215.—LOWEST TEMPERATURE OF RECORD, FOR SELECTED CITIES

[For period of record through 1956]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	15	14	11	21	36	45	60	60	61	47	34	22	18	11
Ariz.	Phoenix	19	17	22	29	32	42	50	61	60	49	36	25	22	17
Ark.	Little Rock	15	7	-5	11	34	41	52	56	57	37	31	17	9	-5
Calif.	Los Angeles	16	28	34	38	42	47	50	54	53	51	46	42	32	28
	Sacramento	23	22	26	31	34	37	44	51	50	44	34	30	23	22
	San Francisco	20	30	36	38	42	44	47	47	48	48	45	42	37	30
Colo.	Denver	85	-29	-25	-11	4	19	31	42	40	21	-2	-18	-25	-29
Conn.	Hartford	52	-16	-24	-4	11	28	40	48	38	30	18	6	-18	-24
Del.	Wilmington	9	2	2	10	23	35	45	50	48	37	26	14	6	2
D. C.	Washington	85	-14	-15	4	15	33	43	52	49	36	26	11	-13	-15
Fla.	Jacksonville	85	15	10	25	34	46	54	64	64	49	37	22	14	10
	Miami	46	31	27	34	44	50	65	65	66	67	52	36	30	27
Ga.	Atlanta	78	-2	-9	8	25	38	39	58	55	43	28	3	1	-9
Idaho	Boise	17	-17	-10	10	21	27	34	41	41	27	20	-3	-1	-17
Ill.	Chicago	14	-15	-15	-7	19	30	35	49	46	36	20	-2	-12	-15
	Peoria	101	-27	-26	-11	14	28	35	46	41	24	7	-1	-24	-27
Ind.	Indianapolis	19	-12	-19	-6	16	29	39	44	42	28	17	-2	-15	-19
Iowa	Des Moines	78	-30	-26	-12	11	26	37	48	40	26	7	-10	-21	-30
Kans.	Wichita	3	-1	4	6	27	33	44	62	48	43	29	10	7	-1
Ky.	Louisville	84	-20	-19	3	21	33	43	49	45	33	23	-1	7	-20
La.	New Orleans	83	15	7	28	38	50	58	66	63	54	40	29	19	7
Maine.	Portland	16	-21	-30	-21	8	23	33	41	38	23	18	9	-15	-30
Md.	Baltimore	85	-6	-7	5	15	34	46	54	51	39	30	12	-3	-7
Mass.	Boston	85	-13	-18	-8	11	31	41	50	46	34	25	-2	-17	-18
Mich.	Detroit	23	-9	-16	-1	14	30	38	48	43	32	25	7	-3	-16
	Sault Ste. Marie	15	-24	-25	-24	1	23	31	36	32	25	20	-5	-20	-25
Minn.	Duluth	82	-41	-36	-26	-5	16	31	41	38	25	8	-29	-35	-41
	Minneapolis	19	-31	-28	-27	9	26	34	48	40	26	18	-9	-22	-31
Miss.	Jackson	17	-5	1	17	30	42	48	57	54	41	30	18	16	-5
Mo.	Kansas City	23	-13	-13	-3	16	32	44	54	49	34	24	5	-4	-13
	St. Louis	21	-12	-8	5	20	35	48	56	54	36	27	7	1	-12
Mont.	Butte	25	-48	-52	-36	-13	12	23	29	27	12	-19	-34	-37	-52
Nebr.	Omaha	21	-21	-19	-16	10	29	39	51	43	30	20	-3	-12	-21
Nev.	Reno	15	-16	-9	-2	13	20	25	35	32	21	13	7	-5	-16
N. H.	Concord	86	-35	-37	-16	7	21	32	38	33	20	16	-17	-24	-37
N. J.	Atlantic City	83	-4	-9	8	15	33	46	52	48	37	29	10	-7	-9
N. Mex.	Albuquerque	17	1	-5	8	19	34	45	55	53	39	26	10	7	-5
N. Y.	Albany	18	-26	-22	-21	14	27	35	44	35	24	19	-11	-19	-26
	Buffalo	83	-14	-21	-4	5	25	35	43	43	32	24	2	-9	-21
	New York	86	-6	-14	3	12	34	44	54	51	39	27	7	-13	-14
N. C.	Charlotte	78	-1	-5	14	24	37	45	55	53	38	26	14	-5	-5
	Raleigh	70	2	-2	13	23	32	44	53	49	37	25	14	0	-2
N. Dak.	Bismarck	17	-44	-34	-31	-2	19	33	39	37	16	6	-19	-36	-44
Ohio.	Cincinnati	41	-17	-9	6	18	32	40	50	43	32	20	1	-13	-17
	Cleveland	16	-9	-8	-5	19	29	38	46	44	32	25	7	-9	-9
	Columbus	78	-20	-20	-1	15	28	39	44	42	31	17	-5	-14	-20
Okla.	Oklahoma City	17	-10	-1	1	26	32	47	56	51	37	29	13	5	-10
Oreg.	Portland	54	6	7	22	30	36	41	43	44	35	29	15	3	3
Pa.	Philadelphia	15	2	3	7	24	33	44	52	51	36	28	15	1	1
	Pittsburgh	4	-3	-7	12	20	32	43	49	46	34	29	9	5	-7
R. I.	Providence	52	-9	-17	2	11	29	39	49	44	33	25	9	-12	-17
S. C.	Columbia	69	6	-2	17	28	38	47	54	54	42	23	16	8	-2
S. Dak.	Sioux Falls	64	-38	-42	-23	4	20	32	34	34	13	-5	-13	-31	-42
Tenn.	Memphis	82	-8	-11	12	27	38	50	52	48	36	25	9	2	-11
	Nashville	86	-10	-13	3	25	36	42	51	47	36	26	-1	-2	-13
Tex.	Dallas	16	2	7	11	34	39	53	61	61	36	32	17	12	2
	El Paso	17	-6	8	18	28	38	50	60	59	41	32	16	5	-6
	Houston	18	10	14	21	39	46	57	68	63	45	40	29	20	10
Utah	Salt Lake City	28	-22	-30	5	14	27	35	41	39	30	18	-14	-21	-30
Vt.	Burlington	50	-27	-28	-24	5	25	33	43	38	25	17	-3	-29	-29
Va.	Norfolk	86	5	2	14	23	38	49	57	56	40	31	17	5	2
	Richmond	59	-1	-3	12	19	31	43	52	49	40	28	14	-2	-3
Wash.	Seattle	25	11	12	22	31	35	45	48	49	42	30	13	21	11
	Spokane	9	-24	-12	3	21	24	35	40	42	30	20	-11	-9	-24
W. Va.	Charleston	48	-9	-11	2	18	31	39	46	47	33	18	6	-17	-17
Wis.	Milwaukee	16	-24	-19	-7	13	28	33	45	44	28	21	-5	-12	-24
Wyo.	Cheyenne	21	-27	-34	-21	-6	16	25	38	37	18	2	-12	-16	-34
Alaska	Juneau	13	-19	-12	-11	7	25	31	36	27	26	16	-3	-21	-21
T. H.	Honolulu	34	57	58	58	59	64	64	68	69	69	66	62	59	57
P. R.	San Juan	58	63	62	63	65	66	66	70	68	69	68	66	62	62

Source: Department of Commerce, Weather Bureau; records.

No. 216.—NORMAL MONTHLY AND ANNUAL PRECIPITATION, FOR SELECTED CITIES

[In inches. Based on standard 30-year period (1921 to 1950). T denotes trace]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala. Mobile.....	4.83	4.26	7.12	5.05	4.73	5.86		5.35	4.94	3.07	3.73	5.25	62.23
Ariz. Phoenix.....	0.61	0.82	0.68	0.87	0.16	0.06	0.68	0.90	0.96	0.40	0.50	0.98	7.12
Ark. Little Rock.....	5.12	4.05	4.85	5.16	4.85	3.43	3.10	3.15	2.85	2.81	3.92	4.08	47.38
Calif. Los Angeles.....	2.38	3.27	2.35	1.17	0.28	0.07	T	0.02	0.27	0.50	1.03	3.11	14.54
Calif. Sacramento.....	2.86	3.31	2.23	1.43	0.57	0.14	T	T	0.08	0.92	1.59	3.19	16.32
Calif. San Francisco.....	4.03	3.91	2.73	1.49	0.59	0.15	0.01	0.01	0.13	1.07	2.27	4.07	20.51
Colo. Denver.....	0.50	0.56		1.00	2.06	1.45	1.22	1.35	0.93	1.00	0.72	0.50	13.43
Conn. Hartford.....	3.74	3.03	3.53	3.55	3.77	3.76	3.93	3.67	3.41	2.70	3.85	3.49	42.43
Del. Wilmington.....	3.56	2.98	3.01	3.64	3.51	4.02	4.49	5.28	3.80	2.99	3.33	2.99	44.50
D. C. Washington.....	3.41	2.64	3.30	3.20	3.31	3.42	4.11	4.49	4.36	2.97	2.82	2.75	41.44
Fla. Jacksonville.....	2.82	2.60	3.51	3.04	3.63	6.67	7.89	6.26	6.79	5.13	1.57	2.39	52.30
Fla. Miami.....	2.15	1.73	2.15	3.44	4.27	5.55	4.36	5.06	6.72	7.88	2.16	1.73	47.20
Ga. Atlanta.....	4.52	4.65	5.49	4.45	3.58	3.97	4.43	3.83	2.92	2.50	3.28	1.44	47.96
Idaho. Boise.....	1.33	1.35	1.34	1.10	1.09	0.84	0.18	0.21	0.46	0.94	1.35	1.29	11.48
Ill. Chicago.....	1.84	1.41	2.82	2.52	3.66	4.15	2.73	3.19	3.23	2.66	2.33	1.95	32.72
Ind. Peoria.....	1.97	1.01	2.79	3.44	3.94	3.88	3.70	2.99	3.73	2.44	2.35	2.04	35.18
Ind. Indianapolis.....	3.22	2.03	3.98	3.60	3.78	4.18	3.25	3.55	3.65	2.40	3.05	2.71	39.24
Iowa. Des Moines.....	1.05	0.97	2.06	2.36	3.63	5.05	2.96	3.83	3.66	2.25	1.66	1.15	30.89
Kans. Wichita.....	4.07	2.99	4.67	4.06	3.82	4.90	3.43	2.96	3.23	2.18	1.73	1.10	30.70
Ky. Louisville.....	4.07	2.99	4.67	4.06	3.82	4.90	3.43	2.96	3.23	2.18	1.73	1.10	30.70
La. New Orleans.....	4.78	4.18	6.56	5.45	5.43	5.67	7.09	6.41	5.82	3.96	4.01	4.58	68.84
Maine. Portland.....	4.43	3.83	4.03	3.75	3.26	3.32	2.83	2.59	3.08	2.96	3.79	3.79	41.78
Md. Baltimore.....	3.66	2.99	3.63	3.72	4.01	3.52	3.94	4.38	3.46	3.37	2.96	2.95	42.59
Mass. Boston.....	3.50	2.93	3.45	3.45	2.91	3.48	3.15	3.23	2.99	2.79	3.49	3.37	38.76
Mich. Detroit.....	2.08	2.02	2.53	2.91	3.61	2.90	2.91	2.62	2.78	2.29	2.18	2.20	31.03
Mich. Sault Ste. Marie.....	2.16	1.52	1.85	2.95	2.55	3.02	2.49	2.62	3.49	1.98	3.26	3.30	30.19
Minn. Duluth.....	1.01	1.02	1.54	2.21	2.95	3.72	3.31	3.19	3.05	1.96	1.67	1.00	26.63
Minn. Minneapolis.....	0.80	0.86	1.48	1.91	3.12	4.26	2.37	2.78	2.85	1.65	1.44	0.85	24.71
Miss. Jackson.....	5.09	5.09	6.23	4.82	4.09	5.72	4.61	3.28	2.10	2.18	1.05	5.60	50.86
Mo. Kansas City.....	1.43	1.16	2.51	3.61	4.41	5.02	2.83	3.89	3.85	2.93	2.17	1.50	35.31
Mo. St. Louis.....	2.32	1.88	3.64	4.01	4.10	3.80	2.91	3.77	3.38	2.90	2.72	2.43	37.86
Mont. Butte.....	0.59	0.53	0.78	1.04	1.80	2.28	1.24	1.12	1.20	0.79	0.69	0.61	12.67
Nebr. Omaha.....	0.85	0.87	1.32	2.15	2.75	4.51	3.34	3.12	3.16	1.73	1.29	0.81	25.90
Nev. Reno.....	1.04	1.05	0.70	0.46	0.48	0.42	0.23	0.23	0.22	0.55	0.04	0.94	6.96
N. H. Concord.....	2.91	2.30	3.04	3.08	3.04	3.62	3.37	3.10	3.39	2.80	3.57	2.81	37.23
N. J. Atlantic City.....	3.78	3.24	3.53	3.40	2.98	2.99	3.78	4.72	3.51	3.21	3.32	3.31	41.77
N. Mex. Albuquerque.....	0.28	0.33	0.44	0.77	0.87	0.72	1.43	1.38	1.05	0.64	0.42	0.59	8.68
N. Y. Albany.....	2.47	2.18	2.57	2.72	3.18	3.89	4.08	3.24	3.66	2.47	2.93	2.37	35.81
N. Y. Buffalo.....	2.78	2.59	2.72	2.55	2.47	3.70	2.43	2.54	3.01	2.49	3.09	2.92	32.29
N. Y. New York.....	3.46	3.13	3.56	3.22	3.51	3.51	4.24	4.34	3.67	3.04	3.09	3.07	42.03
N. C. Charlotte.....	3.68	3.55	4.09	3.17	2.98	3.70	4.67	4.36	3.65	2.99	2.65	3.79	43.09
N. C. Raleigh.....	3.25	3.50	3.58	3.52	3.65	4.30	5.94	5.15	4.65	2.68	2.70	3.21	45.83
N. Dak. Bismarck.....	0.36	0.43	0.76	1.39	1.94	3.33	2.33	1.50	1.43	1.00	0.53	0.40	15.40
Ohio. Cincinnati.....	3.44	2.55	4.07	3.64	3.54	4.05	3.70	3.38	2.88	2.19	3.06	2.84	39.34
Ohio. Cleveland.....	2.45	2.10	2.96	2.91	3.02	3.26	3.35	2.75	3.23	2.37	2.99	2.32	33.50
Ohio. Columbus.....	2.81	2.15	3.22	3.19	3.23	3.66	3.53	3.01	2.58	2.00	2.54	2.44	34.36
Okla. Oklahoma City.....	1.68	1.28	2.15	3.00	4.62	4.42	2.42	2.60	3.46	2.92	2.00	1.54	32.50
Oreg. Portland.....	5.43	4.87	4.15	2.48	1.87	1.62	0.42	0.61	1.83	3.53	6.05	7.10	39.91
Pa. Philadelphia.....	3.39	3.03	3.37	3.38	3.58	3.97	4.21	4.62	3.43	2.61	3.08	2.77	41.44
Pa. Pittsburgh.....	2.83	2.35	3.41	3.08	3.49	3.83	3.72	3.08	2.77	2.49	2.61	2.57	36.23
R. I. Providence.....	2.75	2.84	3.58	3.37	3.02	3.17	3.06	3.63	3.19	2.83	3.74	3.45	39.63
S. C. Columbia.....	3.84	3.35	3.44	3.50	3.30	3.58	5.74	4.93	3.64	2.08	2.00	3.20	41.58
S. Dak. Sioux Falls.....	0.72	0.74	1.35	2.35	3.38	4.25	3.00	3.28	2.93	1.46	1.11	0.67	25.24
Tenn. Memphis.....	5.38	4.22	5.20	4.70	3.65	3.25	3.10	2.53	2.50	3.18	4.31	4.79	46.81
Tenn. Nashville.....	4.93	4.16	5.28	3.69	3.78	3.19	3.96	3.81	2.74	2.52	4.41	4.06	45.03
Tex. Dallas.....	2.47	2.62	2.81	3.87	4.97	3.45	1.97	1.83	2.71	2.67	2.43	2.62	34.42
Tex. El Paso.....	0.42	0.36	0.28	0.27	0.41	0.62	1.32	1.32	1.13	0.83	0.38	0.49	7.83
Utah. Houston.....	3.98	2.81	3.10	3.40	4.84	4.05	4.45	3.09	3.65	3.39	3.95	4.63	45.87
Utah. Salt Lake City.....	1.20	1.23	1.66	1.76	1.56	0.91	0.61	0.97	0.74	1.34	1.42	1.34	14.74
Vt. Burlington.....	1.89	1.53	2.19	2.63	2.89	3.57	3.75	3.01	3.14	2.89	2.85	1.88	32.22
Va. Norfolk.....	3.17	3.06	3.27	3.16	3.45	4.16	6.05	5.08	3.86	2.45	2.67	2.88	43.26
Va. Richmond.....	3.63	2.73	3.43	3.27	3.69	3.78	5.38	4.95	3.36	2.62	2.41	2.92	42.17
Wash. Seattle.....	4.49	3.74	3.06	1.94	1.61	1.25	0.52	0.87	1.56	3.08	4.46	5.34	31.92
Wash. Spokane.....	1.72	1.46	1.34	0.99	1.04	1.17	0.36	0.49	0.93	1.33	1.88	2.21	14.92
W. Va. Charleston.....	3.99	3.50	4.16	3.74	3.78	3.93	5.45	4.55	2.94	2.81	3.17	2.98	45.00
Wis. Milwaukee.....	1.75	1.42	2.37	2.61	2.92	3.25	2.37	2.90	3.36	2.07	2.28	1.67	28.87
Wyo. Cheyenne.....	0.56	0.65	1.22	2.14	2.46	2.10	1.96	1.61	1.20	1.13	0.70	0.52	16.25
Alaska. Juneau.....	8.00	5.78	6.43	5.73	5.14	4.13	6.04	7.37	10.49	13.03	10.38	7.73	90.25
T. H. Honolulu.....	4.31	2.49	2.30	2.05	1.01	0.63	0.86	1.09	1.34	2.28	2.08	3.48	23.92
P. R. San Juan.....	4.69	2.67	2.42	3.80	6.51	5.16	6.02	6.26	6.00	5.27	6.37	4.83	60.00

Source: Department of Commerce, Weather Bureau; records.

PRECIPITATION

173

No. 217.—AVERAGE NUMBER OF DAYS WITH PRECIPITATION OF 0.01 INCH OR MORE,
FOR SELECTED CITIES

[For period of record through 1956]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	15	10	11	11	8	8	12	17	13	9	5	8	11	123
Ariz.	Phoenix	17	4	4	3	2	1	1	5	5	3	2	2	4	36
Ark.	Little Rock	15	10	10	10	11	10	8	7	7	6	5	8	9	101
Calif.	Los Angeles	16	6	5	6	4	1	1	(1)	1	1	2	4	6	37
	Sacramento	23	11	10	8	6	3	1	(1)	(1)	1	4	6	10	80
	San Francisco	20	11	10	10	6	4	2	1	1	1	4	7	11	68
Colo.	Denver	22	5	6	8	9	11	9	9	8	5	5	5	4	84
Conn.	Hartford	52	12	11	12	12	12	11	10	10	9	8	10	11	128
Del.	Wilmington	9	13	9	13	12	13	9	9	9	9	9	9	10	124
D. C.	Washington	86	11	10	12	11	12	11	11	11	8	8	9	10	124
Fla.	Jacksonville	85	8	8	8	7	9	13	16	15	14	9	7	8	122
	Miami	46	8	6	6	7	11	13	15	15	18	15	9	7	130
Ga.	Atlanta	78	12	11	12	10	9	11	12	11	8	7	8	11	122
Idaho	Boise	17	12	11	9	8	8	7	2	2	3	7	10	12	91
Ill.	Chicago	14	10	10	13	13	12	10	9	8	8	7	10	10	120
	Peoria	52	9	8	10	12	12	10	8	8	9	8	8	9	111
Ind.	Indianapolis	17	12	10	13	12	13	11	8	8	7	7	10	10	121
Iowa	Des Moines	72	8	7	9	10	12	11	9	9	9	8	7	8	107
Kans.	Wichita	67	5	6	7	8	11	9	8	8	8	7	5	5	87
Ky.	Louisville	84	12	10	12	12	11	11	10	9	8	8	9	11	123
La.	New Orleans	86	10	9	9	7	8	13	15	14	10	6	7	10	118
Maine	Portland	16	12	11	12	12	14	12	9	9	8	9	11	11	130
Md.	Baltimore	80	11	10	12	11	12	11	11	11	9	8	9	10	125
Mass.	Boston	86	12	11	12	11	11	10	10	10	9	9	10	11	126
Mich.	Detroit	23	13	12	13	12	12	11	9	8	9	9	12	13	133
	Sault Ste. Marie	15	18	16	14	11	11	12	10	10	14	11	18	19	164
Minn.	Duluth	86	10	9	10	9	12	13	11	11	11	10	10	10	126
	Minneapolis	19	8	7	11	9	11	13	11	10	9	7	8	9	113
Miss.	Jackson	17	11	11	10	9	9	8	11	7	7	5	8	11	107
Mo.	Kansas City	23	7	7	9	10	12	11	8	9	7	6	6	6	98
	St. Louis	21	9	9	11	11	12	11	8	8	7	7	8	9	110
Mont.	Butte	25	9	9	10	9	11	13	10	7	7	7	7	8	107
Nebr.	Omaha	21	6	7	8	9	11	11	9	9	7	6	5	6	94
Nev.	Reno	15	6	6	6	4	4	3	2	1	2	3	4	6	47
N. H.	Concord	54	11	9	10	11	10	10	10	10	10	9	10	10	120
N. J.	Atlantic City	83	12	10	12	11	11	10	10	10	8	9	9	10	122
N. Mex.	Albuquerque	17	4	4	4	4	4	9	9	5	5	2	4	5	58
N. Y.	Albany	18	12	11	13	13	13	12	11	9	9	9	10	11	133
	Buffalo	86	19	17	16	13	13	11	10	10	11	12	15	18	165
	New York	86	12	10	12	11	11	11	11	10	9	9	9	10	125
N. C.	Charlotte	78	11	10	12	10	10	11	13	12	8	6	7	10	120
	Raleigh	70	10	10	11	10	11	11	13	11	8	7	7	10	119
N. Dak.	Bismarck	17	8	7	9	7	9	12	10	9	7	6	6	7	97
Ohio	Cincinnati	41	13	11	13	12	13	14	10	10	9	9	10	11	135
	Cleveland	15	16	15	16	15	14	11	10	9	9	10	15	16	156
	Columbus	78	14	12	14	13	12	12	11	10	9	9	11	13	140
Okla.	Oklahoma City	17	5	7	7	8	10	9	6	6	6	6	4	5	79
Oreg.	Portland	54	19	16	17	14	12	9	3	4	7	12	17	19	149
Pa.	Philadelphia	16	12	9	12	11	12	11	10	10	8	8	9	9	121
	Pittsburgh	4	16	14	16	15	12	11	10	10	7	11	12	15	149
R. I.	Providence	52	12	10	12	12	12	10	10	9	9	8	10	11	125
S. C.	Columbia	69	9	10	10	8	9	10	13	12	8	6	7	10	112
S. Dak.	Sioux Falls	11	5	6	9	8	10	11	10	9	7	6	5	6	92
Tenn.	Memphis	85	11	10	11	10	10	9	9	8	7	7	8	11	111
	Nashville	86	12	11	12	11	10	10	10	9	8	7	9	11	120
Tex.	Dallas	16	8	8	7	8	9	6	5	5	5	6	6	6	79
	El Paso	17	3	3	2	2	2	4	8	7	4	3	2	3	43
	Houston	18	10	10	9	8	8	8	10	8	8	6	8	10	103
Utah	Salt Lake City	28	10	9	9	9	8	5	5	5	5	7	7	9	88
Vt.	Burlington	50	13	12	13	13	13	12	12	11	12	11	13	13	148
Va.	Norfolk	86	11	11	12	10	11	11	13	12	8	8	8	10	125
	Richmond	59	11	10	11	10	12	11	11	11	10	8	8	10	123
Wash.	Seattle	23	18	15	15	12	11	10	5	6	7	14	17	19	149
	Spokane	9	17	12	12	7	9	8	5	4	5	9	12	17	117
W. Va.	Charleston	9	16	13	16	15	14	11	12	11	8	9	11	13	149
Wis.	Milwaukee	16	10	9	11	11	13	11	9	9	8	8	10	10	119
Wyo.	Cheyenne	21	6	6	9	10	12	12	11	10	7	5	6	5	99
Alaska	Juneau	13	19	17	18	17	17	15	18	17	20	24	20	21	223
T. H.	Honolulu	34	12	12	13	12	11	11	13	13	12	13	13	14	149
P. R.	San Juan	58	20	15	14	14	16	17	19	20	18	18	19	21	211

1 Less than 1/2 day.

Source: Department of Commerce, Weather Bureau; records.

No. 218.—AVERAGE TOTAL SNOW, SLEET, AND HAIL, FOR SELECTED CITIES

(In inches. For period of record through 1956. T denotes trace)

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	15	0.2	T	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Ariz.	Phoenix	19	T	T	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
Ark.	Little Rock	15	2.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.2
Calif.	Los Angeles	18	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
	Sacramento	8	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
	San Francisco	20	0.0	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
Colo.	Denver	75	5.9	7.6	10.8	9.3	1.8	T	0.0	0.6	3.8	6.8	8.0	54.6	
Conn.	Hartford	52	10.5	12.1	6.9	1.3	T	0.0	0.0	0.0	0.0	1.9	7.5	40.2	
Del.	Wilmington	9	6.0	4.1	3.2	T	0.0	0.0	0.0	0.0	0.0	2.1	2.0	17.4	
D. C.	Washington	69	6.0	5.4	3.6	0.4	T	0.0	0.0	0.0	0.1	0.8	3.1	19.4	
Fla.	Jacksonville	85	T	T	T	0.0	0.0	0.0	0.0	0.0	0.0	T	T	T	T
	Miami	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ga.	Atlanta	72	0.8	0.8	0.2	T	0.0	0.0	0.0	0.0	0.0	T	0.3	0.3	2.1
Idaho	Boise	17	7.2	5.0	2.5	0.3	T	T	0.0	0.0	0.0	T	1.8	5.4	22.2
Ill.	Chicago	14	6.5	7.3	6.6	0.4	T	0.0	0.0	0.0	0.0	0.2	3.8	10.3	35.1
	Peoria	72	5.9	5.3	3.7	0.8	T	0.0	0.0	0.0	0.0	T	1.5	4.3	21.6
Ind.	Indianapolis	25	4.0	3.8	3.5	0.4	T	0.0	0.0	0.0	0.0	T	2.1	4.3	18.1
Iowa	Des Moines	65	8.9	7.0	5.7	1.0	T	0.0	0.0	0.0	0.0	T	2.2	7.1	32.2
Kans.	Wichita	67	3.2	3.5	2.3	0.4	0.0	0.0	0.0	0.0	T	0.3	0.9	2.7	13.6
Ky.	Louisville	72	4.1	3.5	2.1	0.2	T	0.0	0.0	0.0	0.0	0.1	0.5	3.0	13.5
La.	New Orleans	86	0.1	0.1	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.2
Maine	Portland	16	18.7	18.4	13.0	1.9	0.4	0.0	0.0	0.0	0.0	T	3.5	12.1	68.0
Md.	Baltimore	68	6.1	6.6	4.8	0.6	T	0.0	0.0	0.0	0.0	0.1	0.6	3.9	22.7
Mass.	Boston	86	11.8	12.3	7.2	1.8	T	0.0	0.0	0.0	0.0	T	1.5	7.5	42.1
Mich.	Detroit	23	7.8	7.6	5.3	1.3	T	0.0	0.0	0.0	0.0	0.1	1.9	4.7	28.7
	Sault Ste. Marie	15	21.2	16.2	18.3	5.1	0.6	T	0.0	0.0	0.0	T	1.2	7.0	102.1
Minn.	Duluth	72	11.1	10.0	11.5	4.9	0.7	T	0.0	0.0	0.2	2.5	14.9	25.1	56.0
	Minneapolis	10	6.7	8.0	10.8	1.8	0.3	0.0	0.0	0.0	0.1	0.3	6.7	8.0	42.7
Miss.	Jackson	17	1.4	0.2	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T	1.6
Mo.	Kansas City	23	4.4	3.6	3.3	0.5	T	0.0	0.0	0.0	0.0	T	1.1	4.2	17.1
	St. Louis	21	3.6	3.3	3.6	0.1	0.0	0.0	0.0	0.0	0.0	T	1.3	3.0	14.8
Mont.	Butte	25	7.3	7.0	9.2	4.4	4.4	0.4	T	T	1.1	2.7	5.8	8.0	50.3
Nebr.	Omaha	21	8.5	7.6	6.1	1.0	0.1	0.0	0.0	0.0	0.0	0.3	2.0	5.3	30.9
Nev.	Reno	15	7.1	4.5	5.4	0.7	0.2	T	0.0	0.0	0.0	0.2	1.4	4.0	23.5
N. H.	Concord	86	17.5	17.2	11.8	4.4	0.1	0.0	0.0	0.0	0.0	0.1	5.5	12.0	68.6
N. J.	Atlantic City	73	4.0	4.7	2.3	0.2	0.0	0.0	0.0	0.0	0.0	T	0.6	2.6	14.4
N. Mex.	Albuquerque	17	2.0	1.9	1.3	0.6	T	0.0	0.0	0.0	0.0	T	1.9	1.8	9.5
N. Y.	Albany	18	15.6	13.5	10.4	2.8	0.3	0.0	0.0	0.0	0.0	0.1	3.9	10.6	57.2
	Buffalo	72	18.8	16.8	10.6	3.0	0.2	0.0	0.0	0.0	T	0.4	7.6	17.8	75.2
	New York	72	1.4	9.2	5.6	1.0	0.0	0.0	0.0	0.0	0.0	T	0.9	6.0	30.1
N. C.	Charlotte	78	1.5	1.8	0.9	T	0.0	0.0	0.0	0.0	0.0	0.0	T	1.5	5.7
	Raleigh	70	2.1	2.3	1.1	0.2	T	0.0	0.0	0.0	0.0	T	0.2	1.2	7.1
N. Dak.	Bismarck	17	7.3	6.1	9.0	3.2	1.0	T	0.0	0.0	0.3	1.5	4.7	4.7	37.8
Ohio	Cincinnati	41	5.1	3.9	2.8	0.5	T	0.0	0.0	0.0	0.0	0.1	1.4	4.3	18.1
	Cleveland	15	10.4	10.2	11.1	2.4	0.0	0.0	0.0	0.0	0.0	0.5	6.7	11.3	52.6
	Columbus	72	6.7	5.2	3.1	0.8	T	0.0	0.0	0.0	0.0	0.1	1.7	4.2	21.8
Okla.	Oklahoma City	17	3.0	2.5	1.5	T	0.0	0.0	0.0	0.0	0.0	T	0.2	1.1	8.9
Oreg.	Portland	54	5.3	1.9	0.5	0.1	T	0.0	0.0	0.0	0.0	T	0.2	1.3	9.3
Pa.	Philadelphia	14	5.1	4.7	3.4	T	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.8	17.0
	Pittsburgh	4	6.3	4.3	7.8	2.1	T	0.0	0.0	0.0	0.0	T	3.7	5.8	30.0
R. I.	Providence	52	9.5	9.8	5.8	0.9	T	0.0	0.0	0.0	0.0	T	1.2	5.7	32.9
S. C.	Columbia	89	6.4	1.0	0.1	T	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	2.0
S. Dak.	Sioux Falls	64	6.3	7.2	7.4	1.5	0.1	0.0	0.0	0.0	T	0.6	3.2	5.9	32.2
Tenn.	Memphis	72	1.9	1.5	0.5	T	0.0	0.0	0.0	0.0	0.0	T	0.1	1.2	5.2
	Nashville	72	2.7	2.4	1.4	0.1	T	0.0	0.0	0.0	0.0	T	0.4	1.4	8.4
Tex.	Dallas	16	1.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	T	0.1	1.8	
	El Paso	17	1.8	0.7	0.3	T	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	3.7
	Houston	18	0.3	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.3
Utah	Salt Lake City	28	13.7	9.1	8.2	2.9	0.2	T	0.0	0.0	T	0.6	6.3	10.9	51.9
Vt.	Burlington	50	14.4	15.1	12.4	4.1	0.1	0.0	0.0	0.0	T	0.3	6.0	12.6	65.0
Va.	Norfolk	65	2.5	2.6	1.6	T	0.0	0.0	0.0	0.0	0.0	T	0.1	1.8	8.6
	Richmond	59	3.5	3.2	2.1	0.3	0.0	0.0	0.0	0.0	0.0	T	0.5	2.5	12.2
Wash.	Seattle	23	5.0	1.3	0.7	T	0.0	0.0	0.0	0.0	0.0	T	0.7	0.9	8.6
	Spokane	9	24.1	11.0	5.3	0.1	T	T	0.0	0.0	0.0	0.3	5.6	17.5	64.0
W. Va.	Charleston	52	4.9	4.1	3.0	0.2	T	0.0	0.0	0.0	0.0	T	1.4	3.2	16.8
Wis.	Milwaukee	16	11.5	6.5	8.0	0.6	T	0.0	0.0	0.0	T	T	3.2	9.6	39.4
Wyo.	Cheyenne	21	6.7	6.6	12.5	10.1	4.4	0.6	0.0	0.0	0.8	3.2	7.7	5.4	58.0
Alaska	Juneau	13	18.6	17.9	16.5	4.6	0.1	0.0	0.0	0.0	T	1.4	10.0	21.8	90.9
T. H.	Honolulu	34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P. R.	San Juan	58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Department of Commerce, Weather Bureau; records.

NO. 219.—AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE, FOR SELECTED CITIES

[For period of record through 1956]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
Ala.	Mobile.	47	51	54	60	67	71	68	59	63	64	70	62	46	61
Ariz.	Phoenix.	61	76	78	82	88	93	94	83	84	89	88	84	76	85
Ark.	Little Rock.	15	42	53	55	62	64	71	69	72	70	71	58	47	61
Calif.	Los Angeles.	16	71	74	74	65	67	67	80	82	81	74	79	70	74
	Sacramento.	8	39	61	68	72	81	88	96	94	92	84	59	80	75
	San Francisco.	20	53	61	66	68	71	73	64	62	71	70	63	51	65
Colo.	Denver.	59	67	66	64	63	61	69	68	67	71	70	67	65	67
Conn.	Hartford.	45	46	55	55	54	57	60	62	60	57	55	46	46	55
Del.	Wilmington.														
D. C.	Washington.	63	46	54	56	57	61	63	64	62	62	61	53	46	58
Fla.	Jacksonville.	59	57	59	66	71	71	63	62	63	59	59	61	53	62
	Miami.	46	66	71	73	73	68	61	65	67	62	62	64	65	66
Ga.	Atlanta.	62	48	53	58	65	69	69	62	62	65	67	60	47	60
Idaho	Boise.	17	39	49	58	66	69	74	88	86	80	65	43	35	66
Ill.	Chicago.	14	42	49	53	53	59	67	71	70	68	66	44	43	59
	Peoria.	52	47	52	56	59	64	70	70	71	68	63	51	44	62
Ind.	Indianapolis.	14	35	52	53	54	60	69	74	73	70	70	45	42	60
Iowa.	Des Moines.	57	54	50	56	58	61	65	74	68	64	62	51	48	60
Kans.	Wichita.	42	61	64	64	64	66	73	80	77	73	69	67	59	69
Ky.	Louisville.	56	41	47	52	57	64	69	73	69	68	65	51	39	59
La.	New Orleans.	66	49	50	57	63	68	65	58	59	64	69	00	46	59
Maine.	Portland.	16	55	62	59	57	50	63	68	65	63	60	50	57	60
Md.	Baltimore.	57	48	59	58	58	60	64	66	64	65	64	55	50	59
Mass.	Boston.	63	48	57	58	57	60	64	65	64	62	59	50	50	58
Mich.	Detroit.	23	31	43	51	53	59	65	71	67	61	56	34	31	54
	Sault Ste. Marie.	15	32	41	49	54	52	55	62	58	43	45	22	24	45
Minn.	Duluth.	46	46	55	60	58	57	60	68	63	53	47	36	40	55
	Minneapolis.	19	49	55	53	56	58	61	70	67	62	60	40	40	56
Miss.	Jackson.	6	6	49	54	64	67	73	63	72	69	71	61	47	62
Mo.	Kansas City.	23	51	55	59	60	62	69	78	72	71	69	58	50	63
	St. Louis.	21	46	50	58	60	65	67	73	69	72	69	56	44	61
Mont.	Butte.														
Nebr.	Omaha.	21	56	58	57	59	63	68	75	70	67	65	54	50	62
Nev.	Reno.	14	64	70	68	73	75	80	91	92	90	78	69	57	77
N. H.	Concord.	41	48	53	55	52	51	56	50	58	55	50	43	43	52
N. J.	Atlantic City.	60	51	58	58	60	62	64	67	66	65	64	58	52	61
N. Mex.	Albuquerque.	17	69	74	73	76	79	84	76	76	82	80	79	69	76
N. Y.	Albany.	18	42	51	52	55	56	64	66	62	59	56	38	37	53
	Buffalo.	46	31	41	49	51	59	67	70	66	60	50	32	26	53
	New York.	63	61	58	59	60	60	64	65	63	64	63	56	53	60
N. C.	Charlotte.	47	52	58	63	67	72	70	65	65	67	69	64	52	64
	Raleigh.	59	49	54	59	64	67	65	62	61	63	65	62	51	61
N. Dak.	Bismarck.	17	54	50	57	57	59	61	75	72	64	61	47	48	59
Ohio.	Cincinnati.	41	41	46	52	53	63	69	72	69	68	60	46	38	58
	Cleveland.	15	29	36	45	52	61	67	71	68	62	54	32	25	50
	Columbus.	62	36	44	49	54	63	68	71	68	66	60	44	34	55
Okla.	Oklahoma City.	6	57	67	69	68	67	81	78	82	85	73	72	62	72
Oreg.	Portland.	7	19	33	35	52	49	42	65	58	59	34	26	18	43
Pa.	Philadelphia.	61	45	66	57	58	61	62	64	61	62	61	53	49	57
	Pittsburgh.	4	37	41	54	49	56	63	66	54	67	58	49	33	52
R. I.	Providence.	52	49	56	58	57	59	63	63	62	60	60	51	49	58
S. C.	Columbia.	52	53	57	62	68	69	68	62	64	65	68	63	50	63
S. Dak.	Sioux Falls.														
Tenn.	Memphis.	52	44	52	58	64	69	75	73	73	70	69	58	45	64
	Nashville.	60	42	47	53	60	65	69	68	68	68	65	55	42	59
Tex.	Dallas.	16	46	51	57	60	63	76	78	79	76	67	64	53	65
	El Paso.	14	75	80	80	85	88	88	77	81	82	85	86	76	82
	Houston.	18	45	44	50	54	62	69	66	68	64	68	56	47	58
Utah.	Salt Lake City.	19	46	53	61	68	72	77	82	82	84	72	55	44	68
Vt.	Burlington.	50	34	44	48	47	53	59	62	59	51	43	25	25	48
Va.	Norfolk.	57	50	57	60	63	66	66	66	66	63	64	60	51	62
	Richmond.	53	49	55	59	62	67	66	66	63	63	64	58	50	61
Wash.	Seattle.	23	28	34	42	49	57	48	61	55	53	36	27	24	45
	Spokane.	9	26	39	51	64	62	63	80	77	73	52	29	22	57
W. Va.	Charleston.														
Wis.	Milwaukee.	16	38	42	48	53	56	61	70	66	60	59	41	37	54
Wyo.	Cheyenne.	21	61	64	62	58	58	66	69	66	71	70	63	58	64
Alaska.	Juneau.	13	28	32	37	37	34	35	28	29	24	16	22	19	30
T. H.	Honolulu.	4	66	58	64	66	68	68	72	75	76	71	66	51	68
P. R.	San Juan.	58	64	69	71	66	59	62	65	67	61	64	63	65	65

Source: Department of Commerce, Weather Bureau; records.

No. 220.—AVERAGE HOURLY WIND SPEED, FOR SELECTED CITIES

[For period of record through 1956. True velocities in miles per hour]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	8	11.6	11.6	11.9	10.9	9.6	8.6	7.8	7.7	9.0	9.0	10.4	10.9	9.9
Ariz.	Phoenix	11	4.2	4.9	5.6	5.7	5.8	5.7	5.9	5.3	4.8	4.4	4.1	3.9	5.0
Ark.	Little Rock	15	9.1	9.4	10.2	9.7	8.3	7.7	7.2	6.8	7.1	6.9	9.2	9.4	8.4
Calif.	Los Angeles	16	6.9	7.0	7.0	6.6	6.3	5.8	5.4	5.3	5.3	5.7	6.5	6.9	6.2
	Sacramento	8	10.5	9.2	10.7	9.7	10.4	11.2	10.5	10.1	8.7	8.0	7.7	9.3	9.7
	San Francisco	20	8.8	7.4	8.5	9.6	10.4	11.1	11.3	10.6	9.2	7.6	6.3	6.6	8.8
Colo.	Denver	76	7.6	7.6	8.2	8.3	7.7	7.4	6.9	6.7	6.7	7.0	7.3	7.2	7.4
Conn.	Hartford	41	8.9	9.1	9.6	9.6	8.6	8.0	7.4	7.1	7.2	7.8	8.6	8.6	8.4
Del.	Wilmington	8	8.9	9.3	10.8	9.7	8.4	8.1	7.2	7.0	7.3	7.5	8.3	8.5	8.4
D. C.	Washington	25	7.8	8.5	8.9	8.4	7.0	6.4	5.8	5.7	5.9	6.2	7.3	7.8	7.1
Fla.	Jacksonville	85	8.8	9.3	9.6	9.5	8.9	8.5	8.3	8.0	8.5	9.0	8.7	8.7	8.8
	Miami	14	13.4	13.5	14.0	13.9	12.2	10.9	10.4	10.1	12.1	13.2	12.8	12.8	12.4
Ga.	Atlanta	76	11.5	11.9	11.8	10.8	9.3	8.2	7.8	7.4	8.3	9.5	10.6	11.1	9.9
Idaho	Boise	17	9.2	10.0	11.0	10.8	10.0	9.6	9.0	8.9	8.8	9.3	9.1	9.0	9.6
Ill.	Chicago	14	10.9	11.2	11.6	11.4	9.9	8.8	7.6	7.3	8.5	9.1	11.0	10.6	9.8
	Peoria	52	8.9	9.3	9.9	9.7	8.0	6.7	5.7	5.6	6.2	6.9	8.9	8.6	7.9
Ind.	Indianapolis	8	12.7	12.5	13.8	13.1	11.2	9.2	8.2	7.8	8.8	9.9	12.5	12.0	11.0
Iowa	Des Moines	19	10.1	10.4	11.2	11.4	9.9	9.4	8.0	8.0	8.6	9.1	10.4	9.9	9.7
Kans.	Wichita	44	12.5	13.2	14.9	14.7	13.1	13.0	11.5	11.4	12.5	12.4	12.7	12.1	12.8
Ky.	Louisville	84	9.9	10.3	10.8	10.0	8.5	7.7	7.0	6.6	7.1	7.8	9.3	8.9	8.7
La.	New Orleans	86	8.4	8.7	8.8	8.4	7.5	6.8	6.5	6.4	7.4	7.7	8.0	8.2	7.7
Maine	Portland	16	9.2	9.5	10.1	9.9	8.9	7.8	7.3	7.3	7.6	8.5	8.8	8.9	8.7
Md.	Baltimore	24	10.3	10.8	11.5	11.3	10.0	9.5	8.8	8.6	8.9	9.2	10.0	9.9	9.9
Mass.	Boston	21	13.1	13.4	13.7	13.3	11.8	11.1	10.1	10.1	10.8	11.7	12.6	13.0	12.1
Mich.	Detroit	23	11.3	11.2	11.4	11.0	9.5	8.9	8.1	7.8	8.9	9.3	11.2	11.1	10.0
	Sault Ste. Marie	15	10.3	10.4	11.2	11.3	10.4	8.9	8.4	8.3	9.3	9.2	10.5	10.5	9.9
Minn.	Duluth	7	12.3	13.1	14.1	15.2	13.6	11.6	10.5	10.3	12.2	12.8	13.6	12.3	12.6
	Minneapolis	19	10.5	10.8	11.7	12.6	11.6	11.1	9.4	9.3	10.4	11.0	11.5	10.8	10.9
Miss.	Jackson	9	9.7	9.2	9.7	9.0	7.0	6.1	6.1	5.8	6.3	6.3	7.9	8.6	7.6
Mo.	Kansas City	25	10.2	10.7	12.0	11.7	10.1	10.0	8.9	8.8	9.2	9.3	10.7	10.0	10.1
Mont.	St. Louis	43	12.6	12.8	13.7	13.3	11.9	10.8	9.5	9.4	10.5	12.2	12.9	12.3	11.8
	Butte	7	7.9	8.2	8.2	9.9	9.9	9.4	8.1	7.6	7.7	7.6	6.9	7.1	8.2
Nebr.	Omaha	21	11.5	11.8	13.3	13.7	11.8	11.3	9.5	9.6	10.2	10.4	11.7	11.2	11.3
Nev.	Reno	14	6.7	6.4	7.8	8.1	7.8	7.6	6.8	6.4	5.5	5.7	5.2	5.2	6.6
N. H.	Concord	49	6.1	6.6	6.9	6.9	6.0	5.3	4.9	4.6	4.8	5.3	5.9	6.1	5.8
N. J.	Atlantic City	35	16.2	16.4	17.0	16.7	15.6	14.0	13.3	13.2	13.9	15.0	15.6	15.5	15.2
N. Mex.	Albuquerque	17	8.3	9.0	10.4	11.2	10.7	10.0	9.3	8.2	8.6	8.3	8.0	7.6	9.1
N. Y.	Albany	18	10.0	10.7	10.8	10.5	9.1	8.1	7.3	6.7	7.4	8.0	9.4	9.2	8.9
	Buffalo	61	17.6	16.6	16.6	14.8	13.2	12.6	12.1	11.8	12.9	14.2	16.5	17.1	14.6
	New York	45	16.4	17.0	17.3	15.9	13.6	12.9	12.1	11.7	12.5	14.0	15.8	16.3	14.5
N. C.	Charlotte	73	7.3	7.7	8.1	7.8	6.6	6.2	5.9	5.8	6.1	6.4	6.8	7.0	6.8
	Raleigh	7	8.3	8.6	9.3	9.4	7.4	6.9	6.8	6.5	7.0	7.1	7.3	7.4	7.7
N. Dak.	Bismarck	17	10.2	10.4	11.6	13.0	12.7	11.9	9.9	10.0	10.6	10.3	11.0	9.6	10.9
Ohio	Cincinnati	35	8.6	8.7	9.3	8.6	7.0	6.7	5.5	5.4	5.7	6.4	8.2	8.4	7.4
	Cleveland	15	12.3	12.4	12.9	11.9	10.3	9.2	8.7	8.4	9.4	10.1	12.6	12.6	10.9
	Columbus	51	9.8	9.9	10.2	9.9	8.2	7.4	6.6	6.4	7.1	7.9	9.3	9.2	8.5
Okl.	Oklahoma City	8	15.7	15.5	17.1	16.7	14.9	14.7	12.2	11.6	12.7	13.5	14.0	14.5	14.4
Oreg.	Portland	8	9.8	8.1	7.9	6.4	6.1	6.1	6.8	6.2	5.5	5.9	7.6	7.3	7.0
Pa.	Philadelphia	83	10.9	11.3	11.8	11.3	10.0	9.3	8.7	8.4	8.8	9.7	10.4	10.5	10.1
	Pittsburgh	4	11.4	11.8	13.0	12.2	10.4	8.7	8.2	8.3	9.0	9.6	11.2	12.0	10.5
R. I.	Providence	43	11.8	12.1	12.5	12.1	10.7	10.0	9.1	8.8	9.4	10.3	11.0	11.4	10.8
S. C.	Columbia	55	8.0	8.5	8.9	8.5	7.6	7.1	6.9	6.6	6.9	7.1	7.3	7.5	7.6
S. Dak.	Sioux Falls	8	11.4	11.2	13.2	13.8	12.0	10.8	9.6	9.1	10.2	11.2	12.5	11.0	11.3
Tenn.	Memphis	8	12.4	11.7	12.4	11.8	9.4	8.4	8.0	7.5	8.3	8.4	10.3	10.8	10.0
	Nashville	48	9.6	9.9	10.6	10.2	8.5	7.7	7.0	6.7	7.2	7.6	9.0	9.2	8.6
Tex.	Dallas	16	10.0	10.9	12.7	13.2	12.0	12.3	9.9	9.6	8.9	9.0	10.1	9.9	10.7
	El Paso	14	10.1	10.9	13.1	12.8	12.2	11.3	9.7	9.4	9.0	9.0	9.8	9.9	10.6
	Houston	18	10.8	11.3	11.8	11.9	10.7	9.7	8.4	8.4	8.8	9.4	10.4	10.2	10.2
Utah	Salt Lake City	27	7.6	8.0	9.1	9.4	9.5	9.5	9.7	9.1	8.6	7.7	7.4	8.8	
Vt.	Burlington	50	11.8	10.8	11.0	10.7	9.6	8.7	8.2	8.2	9.1	10.3	11.7	11.4	10.1
Va.	Norfolk	44	11.9	12.1	12.8	12.2	10.9	10.1	9.6	9.5	10.0	10.7	11.2	11.3	11.0
	Richmond	59	8.2	8.5	9.2	8.8	7.4	6.7	6.5	6.2	6.4	6.9	7.5	7.7	7.5
Wash.	Seattle	23	10.3	9.8	10.1	9.4	8.9	8.4	7.9	7.3	7.5	8.4	9.4	10.5	9.0
	Spokane	9	8.2	8.7	9.3	8.9	8.2	8.4	7.6	7.3	7.4	7.5	7.4	8.5	8.1
W. Va.	Charleston	7	8.3	9.0	10.3	9.1	7.3	6.3	5.9	5.4	5.8	6.3	8.2	8.5	7.6
Wis.	Milwaukee	16	13.3	13.2	14.1	13.8	12.5	10.9	9.9	9.9	11.4	12.1	13.8	13.2	12.3
Wyo.	Cheyenne	21	14.2	14.7	14.4	13.5	11.7	10.9	9.4	9.4	10.2	11.1	13.6	14.2	12.3
Alaska	Juneau	13	8.7	8.5	8.9	8.7	7.7	7.5	7.2	7.2	7.6	9.2	8.3	8.9	8.2
T. H.	Honolulu	7	9.6	10.4	11.6	11.9	12.6	13.1	13.4	13.1	11.0	10.6	10.5	10.4	11.5
P. R.	San Juan	87	12.3	11.8	12.4	12.0	11.1	11.9	13.1	11.9	9.4	8.1	9.5	11.4	11.2

Source: Department of Commerce, Weather Bureau; records.

**No. 221.—NORMAL MONTHLY AND ANNUAL DEGREE DAYS, 65° BASE, FOR
SELECTED CITIES**

[Based on standard 30-year period (1921 to 1950)]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
Ala. Mobile.....	416	304	222	47	0	0	0	0	0	28	219.	376	1,612
Ariz. Phoenix.....	474	309	196	74	0	0	0	0	0	22	223	400	1,698
Ark. Little Rock.....	719	543	401	122	18	0	0	0	10	110	405	654	2,982
Calif. Los Angeles.....	328	244	212	129	68	19	0	0	17	41	140	253	1,451
Sacramento.....	614	403	317	196	85	5	0	0	17	75	321	567	2,600
San Francisco.....	462	336	317	279	248	180	189	177	110	128	237	406	3,069
Colo. Denver.....	1,042	854	797	492	266	60	0	5	103	385	711	958	5,673
Conn. Hartford.....	1,178	1,033	862	510	183	21	0	8	90	375	711	1,097	6,068
Del. Wilmington.....	983	876	698	396	110	6	0	0	47	282	585	927	4,910
D. C. Washington.....	884	770	666	314	80	0	0	0	32	231	510	831	4,258
Fla. Jacksonville.....	313	254	169	23	0	0	0	0	0	16	148	309	1,243
Miami.....	57	48	15	0	0	0	0	0	0	0	5	48	173
Ga. Atlanta.....	632	512	404	133	20	0	0	0	8	110	393	614	2,826
Idaho. Boise.....	1,169	868	719	453	249	92	0	0	135	389	762	1,054	5,890
Ill. Chicago.....	1,243	1,053	868	507	229	58	0	0	90	350	765	1,147	6,310
Peoria.....	1,240	1,028	828	435	192	41	0	11	86	339	759	1,128	6,087
Ind. Indianapolis.....	1,122	938	772	432	176	30	0	0	79	306	705	1,051	5,611
Iowa. Des Moines.....	1,308	1,072	849	425	183	41	0	6	89	346	777	1,178	6,274
Kans. Wichita.....	1,023	778	619	280	101	7	0	0	32	219	597	915	4,571
Ky. Louisville.....	933	778	611	285	94	5	0	0	51	232	579	871	4,439
La. New Orleans.....	341	223	163	19	0	0	0	0	0	5	141	283	1,175
Maine. Portland.....	1,373	1,218	1,039	693	394	117	15	56	199	515	825	1,237	7,681
Md. Baltimore.....	955	840	676	378	115	5	0	0	50	278	582	908	4,787
Mass. Boston.....	1,113	1,002	849	534	236	42	0	7	77	315	618	998	5,791
Mich. Detroit.....	1,203	1,072	927	558	251	60	0	8	96	381	747	1,101	6,404
Sault Ste. Marie.....	1,587	1,442	1,302	846	499	224	109	126	298	639	1,005	1,398	9,475
Minn. Duluth.....	1,696	1,448	1,252	801	487	200	66	91	277	614	1,092	1,550	9,574
Minneapolis.....	1,562	1,310	1,057	570	259	80	8	17	157	459	960	1,414	7,853
Miss. Jackson.....	535	405	299	81	0	0	0	0	0	69	310	503	2,202
Mo. Kansas City.....	1,085	851	666	292	111	8	0	0	44	240	621	970	4,888
St. Louis.....	983	792	620	270	94	7	0	0	38	202	570	893	4,469
Mont. Butte.....	1,575	1,294	1,172	804	561	325	115	174	450	744	1,104	1,442	9,760
Nebr. Omaha.....	1,302	1,058	831	389	175	32	0	5	88	331	783	1,166	6,160
Nev. Reno.....	1,048	804	756	519	318	165	27	61	165	443	744	986	6,036
N. H. Concord.....	1,392	1,226	1,029	660	316	82	11	57	192	527	849	1,271	7,612
N. J. Atlantic City.....	905	829	729	468	189	24	0	0	29	230	507	831	4,741
N. Mex. Albuquerque.....	970	714	589	289	70	0	0	0	10	218	630	899	4,389
N. Y. Albany.....	1,318	1,179	989	597	246	50	0	24	139	443	780	1,197	6,962
Buffalo.....	1,225	1,128	992	636	315	72	16	30	122	433	753	1,116	6,898
New York.....	995	904	753	456	153	18	0	0	39	263	551	908	5,050
N. C. Charlotte.....	704	577	449	172	29	0	0	0	7	147	438	682	3,205
Raleigh.....	732	613	477	202	41	0	0	0	16	149	438	701	3,369
N. Dak. Bismarck.....	1,730	1,464	1,187	657	355	116	29	37	227	598	1,008	1,535	9,033
Ohio. Cincinnati.....	989	846	682	347	132	13	0	0	56	263	612	930	4,870
Cleveland.....	1,132	1,019	874	531	223	46	0	10	75	340	699	1,057	6,006
Columbus.....	1,094	946	781	444	180	31	0	8	69	337	693	1,032	5,615
Okla. Oklahoma City.....	865	650	490	182	40	0	0	0	14	154	480	769	3,644
Oreg. Portland.....	791	594	515	347	199	70	13	14	85	280	534	701	4,143
Pa. Philadelphia.....	933	837	667	369	93	0	0	0	33	219	516	856	4,523
Pittsburgh.....	1,116	986	818	486	195	36	0	20	94	377	720	1,057	5,905
R. I. Providence.....	1,125	1,019	874	570	258	58	0	26	107	381	672	1,035	6,125
S. C. Columbia.....	566	468	340	83	0	0	0	0	0	82	338	558	2,435
S. Dak. Sioux Falls.....	1,575	1,274	1,023	558	276	80	16	21	155	472	984	1,414	7,848
Tenn. Memphis.....	725	574	427	139	24	0	0	0	17	126	432	673	3,137
Nashville.....	778	636	498	186	43	0	0	0	22	154	471	725	3,513
Tex. Dallas.....	607	432	288	75	0	0	0	0	0	53	299	518	2,272
El Paso.....	670	445	330	110	0	0	0	0	0	70	390	626	2,641
Houston.....	378	240	166	27	0	0	0	0	0	0	162	303	1,276
Utah. Salt Lake City.....	1,194	885	741	453	233	81	0	0	88	381	771	1,039	5,866
Vt. Burlington.....	1,460	1,313	1,107	681	307	72	19	47	172	521	858	1,308	7,865
Va. Norfolk.....	729	644	500	265	59	0	0	0	9	152	408	688	3,454
Richmond.....	828	708	550	271	66	0	0	0	33	210	498	791	3,955
Wash. Seattle.....	753	602	558	396	246	107	49	45	134	329	540	679	4,498
Spokane.....	1,243	988	834	561	330	146	17	28	205	508	879	1,113	6,852
W. Va. Charleston.....	887	750	632	310	110	8	0	0	0	250	576	834	4,417
Wis. Milwaukee.....	1,336	1,142	983	621	351	109	20	32	134	428	831	1,218	7,205
Wyo. Cheyenne.....	1,225	1,044	1,029	717	462	173	33	39	241	577	897	1,125	7,562
Alaska. Juneau.....	1,203	1,056	998	765	558	342	319	335	480	716	957	1,159	8,888
T. H. Honolulu.....	0	0	0	0	0	0	0	0	0	0	0	0	0
P. R. San Juan.....	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Department of Commerce, Weather Bureau; records.

[For period of record through 1956. Eastern standard time. Hours selected to give, for

STATION		Length of rec- ord (yrs.)	JAN.		FEB.		MAR.		APR.		MAY		JUNE	
			7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.
Ala.	Mobile	15	87	63	87	60	86	58	87	55	87	54	87	58
Ariz.	Phoenix	18	75	47	70	40	62	32	54	27	43	19	40	18
Ark.	Little Rock	15	80	67	81	61	80	57	80	54	85	57	85	56
Calif.	Los Angeles	16	63	46	67	44	73	46	79	51	81	52	85	54
	Sacramento	17	90	82	88	74	85	64	85	57	82	51	78	45
	San Francisco	6	84	68	81	66	80	62	83	65	84	66	87	68
Colo.	Denver	9	54	37	57	39	70	38	63	36	64	37	60	30
Conn.	Hartford	44	73	62	72	59	72	56	71	52	73	52	75	56
Del.	Wilmington	9	77	62	76	58	75	55	74	52	77	54	78	53
D. C.	Washington	69	73	56	70	52	72	48	69	45	73	48	75	52
Fla.	Jacksonville	20	89	56	86	52	85	49	84	47	81	46	84	54
	Miami	17	87	59	86	55	83	55	80	55	80	57	82	62
Ga.	Atlanta	69	80	64	79	61	77	54	75	51	75	51	77	53
Idaho	Boise	17	82	75	82	70	76	56	73	47	72	46	71	44
Ill.	Chicago	14	81	70	80	67	79	61	75	53	75	54	77	54
	Peoria	52	83	72	82	69	83	62	79	56	78	55	80	57
Ind.	Indianapolis	17	83	72	83	68	82	61	80	56	80	56	83	57
Iowa	Des Moines	51	83	69	82	65	79	57	76	52	76	50	78	53
Kans.	Wichita	67	78	63	77	57	76	53	75	51	79	55	79	53
Ky.	Louisville	69	78	68	77	63	75	57	72	54	73	53	75	54
La.	New Orleans	68	85	67	84	64	84	60	83	59	83	58	82	60
Maine	Portland	16	81	65	81	61	76	60	74	57	75	60	77	60
Md.	Baltimore	60	72	58	70	56	69	53	65	50	67	51	70	53
Mass.	Boston	66	72	59	69	58	69	54	68	53	69	56	71	56
Mich.	Detroit	23	82	71	82	68	80	63	76	53	72	53	75	54
	Sault Ste. Marie	15	79	77	85	74	84	69	79	61	79	57	85	64
Minn.	Duluth	15	78	74	79	70	82	68	80	60	79	55	85	62
	Minneapolis	19	82	72	82	69	81	65	76	53	77	51	80	56
Miss.	Jackson	11	87	64	86	59	83	53	87	53	87	53	87	52
Mo.	Kansas City	23	78	64	77	61	76	55	74	51	79	53	79	54
	St. Louis	65	77	65	76	62	76	56	73	54	74	54	75	54
Mont.	Butte	11	76	70	78	69	79	64	81	47	85	47	86	49
Nebr.	Omaha	21	82	68	86	67	81	60	77	52	80	55	81	55
Nev.	Reno	17	82	67	81	60	77	46	73	37	76	34	76	31
N. H.	Concord	16	78	60	74	56	74	53	72	48	75	48	76	49
N. J.	Atlantic City	69	79	68	77	68	77	66	76	65	78	69	80	71
N. Mex.	Albuquerque	17	68	51	62	43	54	33	50	28	47	26	43	24
N. Y.	Albany	18	75	63	75	61	76	56	73	51	74	51	75	52
	Buffalo	17	79	72	80	69	79	65	77	58	77	56	77	56
	New York	68	72	61	70	59	69	56	68	54	71	56	74	56
N. C.	Charlotte	69	80	60	77	56	77	52	74	49	75	49	78	50
	Raleigh	16	82	57	79	52	78	49	78	45	80	49	82	51
N. Dak.	Bismarck	17	77	71	79	71	83	69	83	53	79	49	81	55
Ohio	Cincinnati	17	82	70	81	63	80	56	78	52	80	53	83	55
	Cleveland	15	81	72	81	68	80	62	77	55	76	54	78	54
	Columbus	69	83	71	76	66	79	60	75	55	76	55	74	54
Okl.	Oklahoma City	18	79	63	79	60	76	53	78	53	84	59	85	58
Oreg.	Portland	16	87	82	88	80	87	69	88	66	87	65	89	66
Pa.	Philadelphia	67	74	65	72	62	72	60	70	56	71	55	73	56
	Pittsburgh	4	79	68	76	64	77	57	76	53	74	50	79	54
R. I.	Providence	17	73	60	73	56	72	53	71	51	74	55	76	53
S. C.	Columbia	55	81	57	80	53	79	50	76	47	77	47	79	60
S. Dak.	Sioux Falls	8	74	65	79	60	79	68	78	48	79	49	83	53
Tenn.	Memphis	17	62	67	82	63	79	57	80	54	82	55	83	55
	Nashville	69	84	66	80	62	78	56	76	51	79	53	79	52
Tex.	Dallas	16	81	62	80	61	77	53	82	55	85	56	82	52
	El Paso	17	63	45	53	36	44	28	40	26	40	23	44	26
Utah	Houston	16	87	66	88	64	86	59	90	60	92	60	91	58
Utah	Salt Lake City	22	80	71	79	65	74	52	69	42	67	36	63	32
Vt.	Burlington	15	81	69	79	66	77	62	75	56	73	54	75	55
Va.	Norfolk	69	79	61	77	56	77	55	74	52	76	55	78	57
	Richmond	59	84	60	78	55	77	53	74	50	76	52	78	54
Wash.	Seattle	17	86	80	87	78	86	70	86	63	86	61	86	63
	Spokane	9	84	79	83	75	78	64	73	60	75	49	74	48
W. Va.	Charleston	7	79	64	77	58	75	52	74	48	81	51	86	55
Wis.	Milwaukee	16	76	70	76	68	78	65	77	58	77	60	80	61
Wyo.	Cheyenne	21	50	48	62	48	68	48	74	46	78	47	75	42
Alaska	Juneau	13	79	79	80	79	82	77	85	72	89	72	87	71
T. H.	Honolulu	10	80	80	79	79	77	76	75	71	75	69	74	68
P. R.	San Juan	57	81	71	80	70	77	69	76	72	75	77	77	75

1 Through 1952.

HUMIDITY, FOR SELECTED CITIES

most of country, approximation of average highest and average lowest humidity values]

JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		ANNUAL		STATION
7:30	1:30	7:30	1:30	7:30	1:30	7:30	1:30	7:30	1:30	7:30	1:30	7:30	1:30	
a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	
90	64	91	60	90	60	87	52	84	54	87	63	88	58	Ala.... Mobile.
53	31	61	35	57	30	60	31	65	33	71	44	59	32	Ark.... Phoenix.
85	55	86	54	85	52	85	50	81	55	82	63	83	57	Calif... Little Rock.
85	50	84	49	78	47	76	47	58	38	62	43	74	47	Calif... Los Angeles.
76	46	78	49	74	46	78	54	86	68	90	81	83	60	Calif... Sacramento.
92	75	91	74	88	68	85	62	82	63	85	71	85	67	Calif... San Francisco.
55	27	61	31	60	31	57	32	57	36	55	38	59	34	Colo.... Denver.
78	55	82	55	84	57	82	54	79	59	76	60	77	56	Conn.... Hartford.
80	52	84	56	86	55	85	54	82	56	78	60	79	56	Del.... Wilmington.
78	52	80	53	81	53	81	50	76	51	74	55	75	51	D. C.... Washington.
85	57	89	59	90	62	90	56	88	54	89	58	87	54	Fla.... Jacksonville.
83	64	86	62	88	66	88	63	87	60	87	60	85	60	Fla.... Miami.
83	57	85	57	82	55	79	52	78	55	81	63	79	56	Ga.... Atlanta.
54	34	51	33	58	38	67	48	81	67	84	76	71	53	Idaho... Boise.
78	51	82	52	81	50	80	51	79	62	80	69	79	58	Ill.... Chicago.
81	53	85	55	87	55	86	55	84	64	85	72	83	60	Ill.... Peoria.
84	54	87	54	87	52	87	53	84	64	84	71	84	60	Ind.... Indianapolis.
77	49	81	53	83	53	80	52	80	62	82	69	80	57	Iowa.... Des Moines.
77	48	78	47	79	48	76	51	77	55	79	63	78	54	Kans.... Wichita.
77	52	81	54	82	52	81	53	77	59	78	64	77	57	Ky.... Louisville.
84	64	85	63	84	62	82	58	83	60	85	65	84	62	La.... New Orleans.
78	58	83	59	85	61	85	60	85	65	82	61	80	61	Maine... Portland.
71	52	74	55	75	56	74	53	72	55	71	58	71	54	Md.... Baltimore.
72	55	73	56	76	57	75	54	73	57	72	57	72	56	Mass.... Boston.
74	50	80	52	83	53	83	55	81	65	81	71	79	59	Mich.... Detroit.
87	61	91	62	92	67	89	66	87	70	86	79	85	68	Mich.... Sault Ste. Marie.
87	61	91	63	92	64	87	61	89	76	80	75	84	66	Minn.... Duluth.
82	54	85	56	85	55	80	54	82	68	83	73	81	61	Minn.... Minneapolis.
90	55	90	50	88	49	88	46	84	50	84	58	87	54	Miss.... Jackson.
76	48	78	51	79	48	77	48	75	55	78	63	77	54	Mo.... Kansas City.
73	50	77	53	79	54	76	52	75	59	77	65	76	57	Mo.... St. Louis.
82	56	79	35	82	43	82	52	80	65	79	71	81	54	Mont.... Butte.
80	51	84	55	82	50	79	49	79	57	82	65	81	57	Nebr.... Omaha.
72	25	74	26	76	31	79	42	81	54	83	67	78	43	Nev.... Reno.
80	49	85	53	88	53	86	52	84	59	79	59	79	53	N. H.... Concord.
81	72	82	71	81	70	80	64	79	65	79	67	79	68	N. J.... Atlantic City.
59	33	65	38	54	34	58	35	59	40	67	50	57	36	N. Mex. Albuquerque.
79	52	83	52	87	55	86	54	81	61	76	64	78	56	N. Y.... Albany.
78	53	82	54	82	56	82	58	80	66	79	71	79	61	N. Y.... Buffalo.
75	58	78	60	78	60	75	58	73	60	72	61	73	58	N. Y.... New York.
82	55	85	57	84	55	81	50	79	53	80	60	79	54	N. C.... Charlotte.
86	55	89	57	89	56	89	52	85	50	83	55	83	52	N. C.... Raleigh.
85	52	85	50	84	50	82	51	82	67	80	71	82	59	N. Dak. Bismarck.
84	52	87	51	87	49	87	51	81	59	82	61	83	56	Ohio.... Cincinnati.
79	52	82	53	82	52	82	55	80	64	80	70	80	59	Ohio.... Cleveland.
78	52	81	51	82	51	82	52	81	62	83	70	79	58	Ohio.... Columbus.
82	53	80	50	78	49	79	52	76	52	79	59	80	55	Okla.... Oklahoma City.
86	63	87	66	89	67	89	67	92	79	90	82	88	84	Oreg.... Portland.
75	56	77	58	79	59	77	56	76	42	74	63	74	59	Pa.... Philadelphia.
80	52	85	55	84	51	83	54	79	58	78	66	79	57	Pa.... Pittsburgh.
79	57	82	57	84	56	83	54	80	58	74	57	77	56	R. I.... Providence.
83	56	86	56	85	56	84	50	81	51	82	58	81	53	S. C.... Columbia.
84	52	85	62	79	47	75	48	74	53	77	66	79	56	S. Dak. Sioux Falls.
85	55	86	53	85	51	85	50	82	54	81	62	83	56	Tenn.... Memphis.
81	53	84	54	84	51	84	51	81	58	82	64	81	56	Tenn.... Nashville.
79	50	77	47	80	48	82	50	79	51	78	58	80	54	Tex.... Dallas.
90	37	63	39	67	37	67	36	55	35	61	42	53	34	Tex.... El Paso.
92	58	93	58	90	58	89	54	86	56	86	64	89	60	Tex.... Houston.
56	27	58	28	59	31	70	42	78	58	82	70	69	46	Utah.... Salt Lake City.
76	54	80	55	83	59	82	59	81	68	80	69	79	61	Vt.... Burlington.
81	60	83	61	82	61	81	60	80	56	79	59	79	58	Va.... Norfolk.
81	57	84	57	85	56	84	53	81	53	82	59	80	55	Va.... Richmond.
86	63	88	68	91	72	92	80	90	82	87	83	88	72	Wash... Seattle.
66	39	63	41	67	66	82	64	86	79	87	83	77	61	Wash... Spokane.
88	53	91	54	90	51	88	50	80	55	77	61	82	54	W. Va. Charleston.
81	58	84	59	83	58	82	57	80	65	77	70	79	62	Wis.... Milwaukee.
73	36	71	36	68	37	66	38	62	44	59	47	68	43	Wyo.... Cheyenne.
88	78	90	81	91	85	88	85	85	84	81	81	85	79	Alaska. Juneau.
74	69	75	70	75	70	76	72	78	74	78	76	76	73	T. H.... Honolulu.
78	67	78	75	79	74	80	74	81	73	82	79	79	73	P. R.... San Juan.

Source: Department of Commerce, Weather Bureau; records.